LD70955 MHC Organizations WMHC: Frequency, Electricity, & Equipment Change Records & FCC Forms, 1974-1982 Box 10 folder 2
RG25

Secretary of the Board of Trustees
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2027

February 21, 1979

Ms. Ann Messersmith
Station Manager
WMHC

Dear Ann:

Rita Byrne gave me the Power Increase Proposal for WMHC-FM to send to the Trustees. Mrs. Kennan has asked me to tell you that although we will share the proposal with the Trustees and that she will comment on it at the March meeting of the Board, it will probably not be acted upon at this meeting because of additional information that will be needed before a decision can be made. Some of this information will need to come from you and has to do with how the responsibilities and obligations necessitated by the regulations covering the operations of 100 watt stations will be handled. Among the specific questions the Trustees will want to have answers to is how do you plan to cover the number of hours you will have to be on the air, both during the academic year and during the summer months to meet the requirements of the FCC?

I understand Mrs. Kennan has given her approval for the conduct of a search for a 100 watt frequency and that you plan to report back to her on the results of the search. Could you at the same time send her a memorandum outlining your plans for complying with the regulations to which 100 watt station operators must adhere?

Sincerely yours,

Mary Tuttle

Mary E. Tuttle

Copy to Rita Byrne
Mrs. Kennan

WMHC
Radio Station of
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2044

February 22, 1979

Mrs. Kennan
President of Mount Holyoke College

Dear Mrs. Kennan:

The frequency search for WMHC's increase to 100 watts, which has been completed by Edward Perry of Educational FM Associates, informs us that we are able to increase power to 100 watts at our present frequency, 91.5 FM, provided that the waiver included in the application is granted. This waiver is needed because of the creation of a small amount of interference within the protected service area of WMUA in Amherst, Massachusetts. Because this interference is minimal and exists in an uninhabited area, Ed Perry foresees no problems in being granted the waiver. Also, this study indicates the formerly expected relocation of the antenna will be unnecessary--a considerable savings for WMHC. Enclosed is a copy of the Engineering Exhibit.

In response to Mary Tuttle's letter, dated February 21, 1979, which mentioned some of the questions that the Trustees might have, I am outlining WMHC's plans for complying with the regulations that 100 watt stations are subject to. As far as complying with the minimal operating hours regulations, we are subject to these regardless of our operating power; in other words, at either 10 watts or 100 watts WMHC is subject to the same regulations, which are as follows:

1) As of January 1, 1980, to retain our license WMHC must be on the air a minimum of: a) 36 hours a week, b) operating at least 5 days a week for 5 hours each day, c) only during the periods in which school is actually in session. (This excludes term breaks and summer vacations.)
2) As of January 1, 1980, to avoid time sharing WMHC must be on the air at least 12 hours a day, 365 days a year.

WMHC realizes that a year-round operation would be very impractical since school is not in session during the summer; however, because the possibility of any other station in this area wanting to time share with WMHC is extremely remote, this should not cause any problems. (Also, even as a 10 watt station this same regulation applies.)

Although WMHC will be happy to answer any specific questions that might arise, we feel that the obligations and responsibilities of WMHC as a 100 watt station have been outlined in our previous letter to President Kennan and the Trustees of Mount Holyoke College. WMHC once again would like to emphasize the importance of getting the approval of the President and the Board of Trustees at the March meeting, so that we can proceed with the application before the FCC is completely overwhelmed by other stations' applications.

Please notify me if any additional information is needed.

Sincerely yours,

Ann K. Messersmith

Ann K. Messersmith
Station Manager of WMHC

Copy to Rita Byrne
Mary Tuttle
Paul Ryack

To: The President and Trustees of Mount Holyoke College

WMHC
Radio Station of
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2044

March 2, 1979

POWER INCREASE PROPOSAL FOR WMHC-FM

Presently, WMHC operates on FM Channel 218, with a power output of ten watts. As indicated at the November meeting of the Trustees, the WMHC Board of Directors is proposing a power increase to 100 watts, with accompanying changes in studio facilities. This increase will permit WMHC to remain a primary operation, rather than become a secondary operation as Docket 20735 of the Federal Communications Commission mandates for all 10 watt stations after 1980. In effect, these rulings are phasing out ten watt noncommercial stations as of 1980, by eliminating their existing protection against interference. Thus, to protect our coverage area against interference we must increase power to 100 watts and remain a primary operation.

There are several reasons why WMHC should increase power. The most important factor is that many Mount Holyoke students cannot hear WMHC in their dormitory rooms at the present time. Furthermore, many students living off campus, faculty, staff, and other community members do not receive WMHC in their homes. Because WMHC is striving to maintain a reputation as both a campus and a community service, WMHC maintains that a power increase is necessary. In other words, an increase will enlarge the listening audience and will improve communications within the college community.

As a 100 watt station, WMHC will be required to do community ascertainment interviews, a new and beneficial facet of the station. Not only will ascertainment improve the College's relationship with town officials, but it will increase student and community input and information on current issues. Finally, community ascertainment will involve participation by those students who have particular interests in community issues and are not otherwise involved with the musical or technical aspects of WMHC, i.e. Political Science, Sociology, and Psychology majors.

By increasing power to 100 watts, WMHC will help to make Mount Holyoke College more competitive with regard to student recruiting. WMHC is one of the few broadcast stations in the country that is operated exclusively by women, an interesting and exciting prospect to those students interested in communications. At the present time approximately 70 students are working at WMHC either as D.J.'s, or as members of the news staff, music staff, or

engineering staff. These students are learning the art of broadcasting, and technical and managerial skills; they are gaining an increased sense of responsibility, and are increasing their knowledge of the various musical styles which are seen in WMHC's new block programming format. Hopefully at least 10 more students will join the WMHC staff to help with the ascertainment interviews which will be done later this month.

In order for WMHC to increase power, an application for a new license must be submitted to the FCC. Time is of the essence in this matter. Because spectrum space is at a premium, the Commission is already being deluged with other stations' applications. Various colleges such as Holyoke Community, Smith, Vassar, Wellesley, and Union have already submitted applications; so, to protect its channel on the FM band, WMHC must submit an application immediately. Before submitting the application, WMHC must obtain the approval of the station's licensees: President Kennan and the Board of Trustees of Mount Holyoke College.

Because time is so important, WMHC has, with the approval of President Kennan, hired Edward Perry of Educational FM Associates, to conduct the necessary engineering survey, at a cost to the station of $975.00. This initial investment is only a portion of the total cost of a power increase (see enclosed sheet). WMHC's operation budget for the year 1978-79 is approximately $4450.00. After the initial investments involved with the expansion are made, operating at 100 watts should not involve any additional and recurring costs, other than those already estimated in the operating budget. Pending approval by the Trustees, WMHC, with the help of the Development Office, proposes to raise funds for the power increase by petitioning for grants from local and national foundations and corporations; also, WMHC will appeal to those Alumni who had worked at WMHC, to SGA which now finances our operating budget, and to the Senior Class. Although a rough estimate of where the funds are coming from must be submitted with the application, the FCC allows a two year period to secure the funds.

WMHC is the first women's college radio station, the third oldest college radio station in the country, and an integral and very important part of our college community. WMHC provides "Women with the Challenge to Excel" by enabling women to gain on and off the air experience in the communications field, traditionally male-oriented. WMHC at this time appeals to President Kennan and to the Board of Trustees for approval in submitting an application for power increase to the FCC.

Respectfully yours

Ann K. Messersmith

Ann K. Messersmith
Station Manager, WMHC-FM

ESTIMATES OF COSTS FOR WMHC-FM POWER INCREASE

Required Expenses	
*Consultant fees	$975.00 paid by WMHC
Amplifier	3000.00
Modulation Monitor	1600.00
EBS Encoder	300.00
Legal fees	1000.00
FCC License fees	50.00
	6925.00
**New Transmitter	5000.00
Stereo, Optional Equipment	
Stereo Generator	3200.00
Stereo Console	1000.00
Stereo Limiter	400.00
	4600.00
Rough Estimate of Total Cost	16,525.00

* Paid out of WMHC's 1978-79 operating budget

** Although a new transmitter could be considered at this time an option, the present transmitter will need to be replaced in the very near future, as it is quite old and in constant need of repairs; thus, it is more feasible replace the transmitter while other equipment changes are being made.

To: The President and Trustees of Mount Holyoke College

WMHC
Radio Station of
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2044

March 2, 1979

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Respectfully yours

Ann K Messersmith

Ann K. Messersmith
Station Manager, WMHC-FM

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Secretary of the Board of Trustees
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2027

February 21, 1979

Ms. Ann Messersmith
Station Manager
WMHC

Dear Ann:

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Sincerely yours,

Mary Tuttle

Mary E. Tuttle

Copy to Rita Byrne
Mrs. Kennan

THE INTERCOLLEGIATE BROADCASTING SYSTEM, INC.

BOX 592, VAILS GATE, N. Y. 12584

PRESIDENT'S NEWSLETTER

September 25, 1978

Your eyesight is not failing you yet. If the enclosed material looks a little difficult to read....it is. However, photo-reduction was the only economical way we could get this important piece of material into your hands. It is important enough for you to make that extra effort to read it.

The material is the basic text for Docket 20735. If that doesn't mean much to you, it is a compilation of the new rules adopted that will drastically affect every FM station in the country, including yours.

Here are some highlights:

For all 10-watt FM stations, (except those in Alaska), by your first license renewal in January 1980 or thereafter, you would have to pursue one of the following alternatives in this order:

1. Increase your power to 100 watts minimum on your present frequency or another frequency in the noncommercial FM band (88.1-91.9 MHz)
   Note: If your station is located within 199 miles of the U.S.-Mexico border, there is a noncommercial FM table of assignments in effect. This means you can only increase power on a frequency if it is allocated to your area and also designated as a channel suitable for the power you propose. Otherwise you would first have to seek a rulemaking to have a suitable channel assigned to your area.

2. If you wanted to remain a 10-watt station, you could do so on a secondary basis, (subject to interference and/or "bumping"). But, you would have to exhaust each of these alternatives in this order:

   a. Change to a frequency in the commercial FM band (92.1 - 107.9) (if one were available on which you would fit).

   b. Change to the new channel 200 (87.9 MHz). But this is available for use in only very limited areas of the country.

   Note: If your station is located within 250 miles of the U.S.-Canada border or within 199 miles of the U.S.-Mexico border, the above 2

alternatives a) and b) are not currently available to you because of international treaty agreements. Efforts are underway to try and modify these treaties accordingly, but as of now, these alternatives are precluded if you're located within the mileage belts specified.

c. Change to another frequency in the noncommercial FM band that is less "preclusionary" than your present one. (where you'd be less likely to block establishment of any new above-10-watt stations).

Note: If your station is located within 199 miles of the U.S.-Mexico border, there is a noncommercial table of assignments in effect. This means you can only move to another frequency if it is assigned to your area and designated as Class D (10-watt). Otherwise, you would first have to seek a rulemaking to have that substitute channel assigned to your area.

d. Remain as a 10-watt station on your present frequency by making a showing to the FCC that you are on the least preclusionary channel in your area.

Office of the Dean of Students
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2550

April 25, 1979

To: President Elizabeth T. Kennan

From: Ann Messersmith, WMHC Station Manager
Rita A. Byrne, Assistant Dean of Students

Re: Future plans for WMHC

As you know, the college radio station is most concerned about its future regarding changing to a 100 watt status and maintaining a strong primary radio station operation or remaining a 10 watt station and assuming a secondary status (according to FCC definitions).

To date the station has had an engineering survey done, and a report of this was sent to you in February, 1979. In addition Leslie Mills, the station Business Manager, has been working with the Development Office to try to raise the necessary funds as indicated in the budget presented to you and the Trustees both for the November and March Trustee meetings.

The station now feels it had done as much as can be done to prepare for the application for a 100 watt license, should the college decide this is appropriate. As you know, the station is quite concerned about timing (the application deadline is January 1, 1980) and would like to have the decision made as soon as possible, preferably before this semester ends. We therefore need to know from you what else you feel must still be done, and when the decision regarding application for 100 watt status will be made. In addition we are most anxious to know whether or not an advisory committee to WMHC will become a reality and when.

We are sorry to address these issues at such a busy time, but do believe that time is of the essense especially in the application procedure. We would very much appreciate your attention to these matters and of course will be available for any questions you may have.

cc: Paul Ryack

Office of the Dean of Students
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2550

September 19, 1979

To: Elizabeth T. Kennan

From: Rita A. Byrne and Ann Messersmith

In preparation for our meeting with you on September 25, we felt you might want to see our agenda ahead of time. The radio station has 3 major and immediate concerns:

1. License decision - As you know the FCC deadline for filing for WMHC's future status is December 31, 1979, a full year behind it's original deadline. Time is now of the essence since if we wait we will find ourselves mixed in with the deluge of all the late filers. We need to know ~~from you~~ what else you feel must still be done, and when the decision regarding application for 100 watt status will be made. A copy of a memo sent to you in April, 1979 is enclosed for additional information. Campus concern appears to be mounting about this issue. (You may also be interested to know that Smith College has filed, as of July 1979, an application for a 200 watt license at 91.9 FM frequency.) The station feels we should use October 1, 1979 as our in-house filing deadline.

2. On-going technical assistance - For too many years the station has "floated in space" in terms of whom they could turn to when station repairs and/or maintenance work was needed. Each year we seem to address this issue and though a member of the Electronics Services staff has been most helpful, this does not help to get necessary jobs done that affect FCC Broadcasting Regulations (for instance if transmitter has problems, station must get back on air as soon as possible). We request that WMHC repair work be formally instituted as normal work of the Electronic Services Department, and that its needs be given top priority as opposed to the "third class citizenship" status it now appears to have.

3. Appointment of WMHC Advisory Committee - Last year early in January several of us discussed with you the need for an Advisory Committee, composed of the following individuals:

Technical advisor/repair person	Ken McCormick/Art Chase/Ed F.
FCC and Legal Expert	Joan Steiger - Trustee
Program Adviser	Dr. Paul Ryack
Activity Advisor	Rita A. Byrne
Faculty member	Susan Snively - English Dept.
Funding consultant	Judy Gooch - Development
Theater	John Howard

It is our thought that this ought to be a committee appointed by the president, that is ongoing each year, with necessary changes in membership. Because student personnel changes each year, some stability is needed and the Advisory Committee seems the appropriate approach to insure this. Also its make up would provide a variety of expertise in the areas the station required.

From the above, you can see that certain decisions must be made quickly. We look forward to meeting with you to ascertain your feelings/decisions about these areas of concern.

Enclosed you will find, in addition to the April memo, a copy of WMHC's current program guide which also contains part of their fund-raising program.

cc: Dr. Paul Ryack
Lisa Hebb, Program Director, WMHC
Ruth E. Warfel

PUBLIC NOTICE

Federal Communications Commission ■ 1919 M Street, NW. ■ Washington, D.C. 20554

For recorded listing of releases and texts call 632-0002

For general information call 632-7260

July 25, 1979 -BC

19744

COMMISSION REACHES AGREEMENT WITH CANADA ON MOVING CLASS D EDUCATIONAL FM STATIONS TO COMMERCIAL BAND

Recently, the Commission took a number of actions affecting noncommercial educational FM stations. 1/ In one of these actions the Commission adopted several rules concerning Class D noncommercial educational FM broadcast stations (these are the stations with a transmitter power output of 10 watts or less). Under Section 73.512 of the new rules, all Class D stations are required to comply with certain channel change procedures. If possible, all Class D stations are required to change frequency to the commercial band (92 through 108 megahertz). If no channel in the commercial band is available, they must move to newly created Channel 200 (87.9 megahertz). And, if Channel 200 is not available, they must move to the least preclusive channel in the reserved band (88 through 92 megahertz). Alternatively, these stations can file an application by January 1, 1980, to increase power on an educational channel to at least 100 watts ERP.

Because our Working Arrangement with Canada did not permit Class D stations in the commercial band within 250 miles of Canada, the channel change procedure was suspended for Class D stations in the Canadian border area pending completion of negotiations with Canada. Treaty provisions bar the use of the newly created FM Channel 200.

1/ These actions were taken in the following documents in Docket No. 20735:

First Report and Order, adopted June 7, 1978, published in the Federal Register on June 15, 1978, 43 Fed. Reg. 25821.
Second Report and Order, adopted June 7, 1978, published in the Federal Register on September 6, 1978, 43 Fed. Reg. 39704
Memorandum Opinion and Order, adopted December 23, 1978, published in the Federal Register on January 16, 1979, 44 Fed. Reg. 3412.

-Over-

The Commission has recently reached an agreement with Canada to permit Class D stations to move to the commercial band. Therefore, all Class D stations in the Canadian border area are now subject to the channel change requirements in Section 73.512(a)(1). That Section will be amended shortly to so state. In addition to complying with the interference requirements in Section 73.509(b) concerning U.S. commercial stations, Class D stations in the Canadian border area must also provide protection to Canadian commercial stations. All proposals by Class D stations within 20 miles of the Canadian border will be referred to Canada on a case-by-case basis during the processing of the application. We would also refer to Canada other applications beyond 20 miles from the border which would cause interference to the reception of Canadian stations inside Canada. This situation is expected to be unusual and in any event would not occur if the Class D station had an ERP of 50 watts or less and an antenna height above average terrain which does not exceed 200 feet.

Since we do not have an agreement with Mexico which permits Class D stations in the commercial band, the exemption to Section 73.512(a)(1) for Class D stations within 199 miles of Mexico remains in effect.

A copy of this Public Notice is being sent to all noncommercial educational FM licensees.

Questions about the Commission's decisions in this area should be directed to Jonathan David, Policy and Rules Division, Broadcast Bureau, 1919 M Street, N.W., Washington, D.C. 20554; telephone (202) 632-7792. Engineering questions related to the filing of these applications should be directed to John Boursy, Broadcast Facilities Division, Broadcast Bureau, 1919 M Street, N.W., Washington, D.C. 20554, telephone (202) 632-6908.

-FCC-

MEMORANDUM

Date 9/13/79

To Leslie, Lisa and Ann

Subject WMHC appeal

From Judy Gooch

Judy

I have drafted the attached letter for your revisions, corrections, additions, comments, and--ultimately--signature. The first thing you should do with it is to see if it's telling the truth: is the material on your programs accurate? Is the description of the FCC "problem" fair? Etc. Can you think of other compelling reasons why the Foundation or individual should support WMHC? How would the campus or community suffer if the station did not exist, and what marvelous benefits will reach the campus and community after the power increase that would be available in no other way? I don't think we need much more in the letter; it should be fairly brief, since it is mostly a letter of inquiry rather than a full proposal. The other information will be vital as back-up for further correspondance and/or visits.

When the letter is sent to (for instance) Mr. Patricelli, it will start a little differently: "Because of your long-standing professional involvement in radio, and because of your status as a Mount Holyoke parent, I am writing to ask for your help." or some such. It will conclude with a request for an appointment, saying that you will call in about a week to see what would be convenient. I will plan to go with you, as we discussed earlier.

The letters can be typed and sent from the Development Office, and we can make the follow up telephone calls here. I think that WMHC stationery would be a nice touch, and we'll want to enclose a Program guide with each letter. When will those be back from the printer?

After you have all had a chance to think about this perhaps we should get together. I'd be glad to meet you in Wilbur for lunch, or something like that, if it's more convenient for you than coming to Dwight. You can decide who will sign the letter!

(Draft of letter to be sent to the Markle Foundation and selected individuals)

Dear ,

Because of the Markle Foundation's interest in communications I am writing to ask for your assistance. Mount Holyoke students have operated the College radio station, WMHC, since it was established in 1941. It is the third oldest college radio station and the first women's college radio station in the country. At present it ~~operates~~ the station operating is ~~a class D~~ ten watt class D facility on FM Channel 218, ~~with 10 watts of power~~ 91.5 mHz mega hertz. Because the recent FCC ruling ~~allows stations over 100 watts to take over the~~ makes ~~places~~ class D stations, a secondary operation channels of those stations operating on less than 100 watts, the WMHC board of Directors has decided to increase the station's power to 100 watts in order to protect its spectrum space. ~~At the same time the antenna will be relocated~~ but moded studio equipment will be replaced and necessary modifications will be made inside the studio. These changes will permit WMHC to remain a primary operation. Additional advantages of this power increase will include a stronger signal, ~~to those who already receive the station, plus an enlargement~~ more competitive in a heavily congestion part of the FM band of the station's range to include more off-campus areas in South Hadley, thus enhancing reception in the immediate vicinity of the MHC campus as well as ~~but to~~ the town of S. Hadley, ~~as well~~ where many students & most of the College faculty & staff reside.

This year WMHC will be on the air 20 hours per day, 7 days per week. It offers a wide range of programs to the college community, including many types of music, news and sportscasts, interviews and regular features on ecology. The station broadcasts the Music I course listening assignments on Sunday afternoons, and provides delayed broadcast coverage of campus events. Many of the offerings are of interest to the townspeople who are close enough to the campus to receive the signal. The station makes public service announcements for community as well as campus organizations, and also provides the "Ride Board," an on-the-air clearinghouse for those interested in offering or finding transportation. The community survey which must be done as part of the FCC license application is expected to identify other areas where WMHC can be of service

to South Hadley residents as well as to Mount Holyoke students.

WMHC provides another, more specialized service: that of training young women in the operation of the station. Students are responsible for everything from talk shows to budgeting, and this is not only an enjoyable part of campus life but is valuable training in management which helps students in their post-graduation experiences.

It will cost approximately $16,000 to implement the necessary changes at WMHC. Reserves and student fees will pay for the required engineering survey and FCC licensing procedure, which will cost about $1,000. As you can see in the Program Guide, a campus and town-wide appeal to listeners is being made. In addition we are trying to identify other donors who might be willing to contribute between $500 and $2000 each. Does our project come within the guidelines of the Markle Foundation? I would be delighted to supply further information about the station, the proposed changes, and Mount Holyoke College if it is needed; please do not hesitate to contact me.

Thank you for your consideration of our request.

Sincerely,

Leslie, Lisa, or Anne

Pierson, Ball & Dowd
1000 Ring Building
1200 18th Street, N.W.
Washington, D. C. 20036
TEL. (202) 331-8566
CABLE ADDRESS "PIERBALL"

W. THEODORE PIERSON
HAROLD DAVID COHEN
LOWELL J. BRADFORD
ROBERT B. YORTY
WILLIAM O. BITTMAN
PETER D. O'CONNELL
ROBERT B. HANKINS
J. LAURENT SCHARFF
FRANCIS T. COLEMAN
WILLIAM S. D'AMICO
BRIAN A. JOHNSON
FREDERIC T. SPINDEL
GORDON W. HATHEWAY, JR.
GEORGE R. CLARK
JOHN R. ERICKSON
MICHAEL MINNIS •
NORMAN L. EULE
T. TIMOTHY RYAN, JR.
BENJAMIN J. GRIFFIN
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BENJAMIN F. P. IVINS
MAURICE BASKIN
ELIZABETH B. CARDER
E. MICHAEL FLANAGAN
HARRISON T. SLAUGHTER
DEAN BURCH
WILLIAM F. WETMORE, JR.
WILLIAM A. GEOGHEGAN
DAVID MACHANIC
WILLIAM S. GREEN
VIRGINIA LEE RILEY
W. THEODORE PIERSON, JR.
JAMES J. FREEMAN
THOMAS C. FOX
WILLIAM H. FITZ
STEPHAN E. LAWTON
LEON J. SCHACHTER
MARK J. TAUBER
JOHN J. DUFFY
RICHARD M. SINGER
JOEL M. HAMME
JACK N. GOODMAN
J. MANNING LEE
JOAN T. BOARDMAN
MICHAEL F. MARINO, III
JERALD N. FRITZ
LAWRENCE E. CARR III

• NOT A MEMBER OF D. C. BAR

OKLAHOMA OFFICE
CITY NATIONAL BANK TOWER
SUITE 750
OKLAHOMA CITY, OKLA. 73102
TEL. (405) 235-7686

FREDERIC J. BALL (1965)
VERNON C. KOHLHAAS (1971)

ROBERT E. HODSON
RETIRED (1975)

OF COUNSEL
THOMAS N. DOWD

December 14, 1979

Mrs. Elizabeth T. Keenan
President
Mount Holyoke College
South Hadley, Massachusetts 01075

Dear Mrs. Keenan:

We are in receipt of your application on FCC Form 340 to increase power of WMHC from 10 watts to 100 watts power, converting from a Class D to a Class A facility on Channel 218, at a frequency of 91.5 MHz.

We have reviewed the application and supporting engineering, ascertainment, programming and financial qualifications exhibits and find them to be substantially correct and complete. To further clarify for the Commission those matters which are currently on file with the FCC, we have drafted a new Exhibit I responding to Paragraph 3(c). Please review the new exhibit and the retyped Section I of the application form. In particular, please note that the list of exhibits on the bottom of page 2 of this section requires that you indicate in each case whether the person whose name and title appear is the person (1) who actually prepared the exhibit or (2) under whose direction it was prepared by a third party. We ask that you place the appropriate notation, (1) or (2), in the space following each name, before re-executing the application and returning it to us.

With respect to the Section V-B engineering report, it would be advisable to add a supplemental statement from the consultant setting forth the numbers of households affected by the interference due to short spacing of WMHC with WMUA in Amherst. Such a showing would more fully establish the "de minimus" nature of the overlap of the two signals. We will be contacting Mr. Perry on this matter. It is important that the date of his supplemental statement not be later than the date of your signature on the Form 340.

It is suggested that you delay your signing of the application until we have received any additional material which Mr. Perry can provide.

It is a pleasure to assist you in this matter. Please do not hesitate to call us if you have questions about any of these matters.

Sincerely,

PIERSON, BALL & DOWD

Harrison T. Slaughter

Harrison T. Slaughter

Enclosures
cc: Paul R. Ryack, Treasurer
Thomas N. Dowd, Esq.

FCC Form 340
May 1977

Approved by GAO
B-180227(R0182)

FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN A NONCOMMERCIAL EDUCATIONAL TV, FM, OR STANDARD BROADCAST STATION

INSTRUCTIONS

A. This form is to be used only in applying for authority to construct a new noncommercial educational TV, FM, or Standard broadcast station or to make changes in an existing station. This form consists of this part, Section I, and the following sections:

- Section II, Legal Qualifications of Broadcast Applicant
- Section III, Financial Qualification of Broadcast Applicant
- Section IV, Statement of Program Service of Broadcast Applicant
- Section V-A, Standard Broadcast Engineering Data
- Section V-B, FM Broadcast Engineering Data
- Section V-C, Television Broadcast Engineering Data
- Section V-G, Antenna and Site Information
- Section VI, Equal Employment Opportunity Program

B. PREPARE THREE COPIES of this form and all exhibits. Sign one copy of Section I. Prepare one additional copy (a total of four) of Section V-G and associated exhibits. File all the above with the Federal Communications Commission, Washington, D. C. 20554. APPLICANTS FILING FOR FINANCIAL ASSISTANCE FROM THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE (HEW) SHOULD SUBMIT THIS APPLICATION TO THE FCC AT LEAST 90 DAYS *PRIOR* TO FILING WITH HEW. Applicants filing with the FCC *after* this time should *not* expect FCC approval in time to receive HEW funding. Applicants should check with HEW for proper HEW filing dates. Applicants applying for funding from other government agencies should check with that agency *and* the FCC to determine filing deadlines for both that agency *and* the FCC.

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 2 of this Section. Show date of preparation of each exhibit, antenna pattern, and map, and show date when each photograph was taken.

D. The name of the applicant stated herein shall be the exact corporate name, if a corporation; if an unincorporated association, the exact name of the association; if a governmental or public educational agency, the exact name of such agency. The applicant must notify the Commission of any change of address.

E. Information called for by this application which is already on file with the Commission *(except that called for in Section III which is more than 90 days old and in Section V-G)* need not be refiled in this application provided (1) the information is now on file in another application or FCC Form filed by or on behalf of this applicant; (2) the information is identified FULLY by reference to the file number (if any) the FCC form number, and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing." Any such reference will be considered to incorporate into this application all information, confidential or otherwise, contained in the application or other form referred to. The incorporated application or other form will thereafter, in its entirety, be open to the public. (See Section 1.526 of the Commission's Rules and Regulations, "Records to be maintained locally for public inspection by applicants, permittees, and licensees.")

F. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant's physical disability or of his absence from the United States. The attorney shall, in the event he signs for the applicant, separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.

G. Before filling out this application, the applicant should familiarize himself with the Communications Act of 1934, as amended, Parts 1, 2, 17, and 73 of the Commission's Rules and Regulations.

H. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

THIS BLOCK FOR COMMISSION USE ONLY

File No.

1. NAME OF APPLICANT *(See Instruction D)*
The President and Trustees of Mount Holyoke College

STREET ADDRESS
Mount Holyoke College

CITY	STATE	ZIP
South Hadley	Mass	01075

2. NAME OF PERSON TO WHOM COMMUNICATIONS SHOULD BE SENT, IF DIFFERENT FROM ITEM 1.
Merrill Ewing, Treasurer*
~~Mount Holyoke College~~

STREET ADDRESS
same

CITY	STATE	ZIP

3(a). PURPOSE OF APPLICATION *(Put "X" in appropriate box)*

[ ] New station
[XX] Major change in existing station facilities
[ ] Minor change in existing station facilities

(b). If this application is for a change in existing facilities, complete Section I plus any other Sections necessary to show all substantial changes in information previously filed with the Commission, and indicate below the Sections completed and filed with this application.

	Section II		Section V-A
X	Section III	X	Section V-B
X	Section IV-A		Section V-C
	Section IV-B		Section V-G
			Section VI

(c). In the space below refer to information already on file with the Commission which, in accordance with Instruction E, may be incorporated in this application by proper reference.

File or Form No. and Date	Section No.	Paragraph No.
See Exhibit I		

4. REQUESTED FACILITIES

TYPE OF STATION

[ ] AM [X] FM [ ] TELEVISION

FREQUENCY	CHANNEL NO.	CALL SIGN
915	218A	WMHC

HOURS OF OPERATION	POWER IN KILOWATTS	
	NIGHT	DAY
unlimited	0.100	0.100

ANTENNA HEIGHT ABOVE AVERAGE TERRAIN IN FEET *(FM and TV only)* -18 feet

STATION LOCATION

CITY	STATE
South Hadley	Mass

(All previous editions of this form are cancelled.)

* Copies to: Pierson, Ball & Dowd, 1200 18th St., NW, Suite 1000
Washington, D.C. 20036

THE APPLICANT hereby waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934).

THE APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

THE APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this_____ day of _____, 19___.

(This Section should not be dated and signed until all Sections and Exhibits have been prepared and attached)

President and Trustees of Mount Holyoke College (NAME OF APPLICANT)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

By _____ (SIGNATURE)

Title President

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose(s) for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, accountants, engineers, and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information.

Accordingly, every effort should be made to provide all necessary information.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U. S. C. 552a (e) (3).

Educational FM Assoc.
19 Bolas Rd., Duxbury,
Massachusetts 02332

If applicant is represented by legal or engineering counsel, state name and post office address: Pierson, Ball & Dowd
1000 Ring Bldg.
1200 18th St. NW, Washington, D.C. 20036

EXHIBITS furnished as required by this form:

Exhibit No.	Section and Para. No. of Form	Name of officer or employee (1) by whom or (2) under whose direction exhibit was prepared (show which)	Official title
1	I,2	Paul Ryack	Chrmn of WMHC Advisory Com.
2	III, 1d	Paul Ryack	Chrmn of WMHC Advisory Com.
3	III, 2b	Merrill Ewing	Treas - Mount Holyoke Col.
4	III, 2b	Merrill Ewing	Treas - Mount Holyoke Col.
5	IV, 2	Lisa Hebb	Program Director - WMHC
6	IV, 4	Paul Ryack	Chrmn of WMHC Advisory Com.
7	IV, 7	Lisa Carbone	Assnt Station Mgr. - WMHC
8	IV, 8	Ann Messersmith	Station Manager - WMHC
9	VI	Paul Ryack	Chrmn of WMHC Advisory Com.

Exhibit Number I
FCC Form 340
Section I, Para. 3(c)

Section II information (Legal Qualifications of Broadcast Applicant) is on file with the Commission (Bled-1607, filed 2/15/77). There has been no change since the date of filing. However, for convenience of reference, a list of the Trustees of Mount Holyoke College is attached.

Information requested in Section IV, Paragraph 1 relating to the purpose, objective and program policies of WHMC also is omitted. The information referenced is on file (Bled-1607, filed 2/15/77) and there has been no change since the date of filing.

AND RESIDENCE	OFFICE HELD	CITIZENSHIP	PRINCIPAL PROFESSION OR OCCUPATION	BY WHOM APPOINTED OR ELECTED
lizabeth Kennan [illegible] Holyoke College uth Hadley, MA 01075	President	USA	President	Board of Trustees Mount Holyoke Colle[illegible]
ker, Roger L. [illegible] I.D.S. Center South 8th Street nneapolis, MN 55402	Trustee	USA	Business Executive	" "
lake, Curtis L. Stonebridge Lane est Hartford, CT 06107	Trustee	USA	Retired	" "
[illegible], Helene Rabb Beacon Street ston, MA 02[illegible]6	Trustee	USA	Unemployed	" "
orcoran, John W. onaldson, Lufkin, and Jenrette, Inc. [illegible] Broadway ew York, NY 10007	Trustee	USA	Corporate Executive	" "
nis, Darienne L. letcher Hall fts University dford, MA 02115	Trustee	USA	Student	" "
rick, Dorothy B. [illegible]ut Bank of Boston, N.A. e Federal Street oston, MA 02211	Trustee	USA	Bank Executive	" "
onovan, Hedley W. [illegible] and Life Building ockefeller Center ew York, NY 10020	Trustee	USA	Senior Advisor to President of USA	" "
[illegible]enhart, Virginia Cotins 5 Buckland Avenue ochester, NY 14618	Trustee	USA	Unemployed	" "
llner, Carolyn L. [illegible] Graduate School [illegible], [illegible] 01711	Trustee	USA	Educator	" "
lchman, Alice Stone nternational Communications Agency 776 Pennsylvania Avenue, Room 62[illegible] ashington, DC 20547	Trustee	USA	Assistant Secretary of State-USA	" "
nes, Frank S. [illegible] Street, Apt. 5C [illegible], MA [illegible]	Trustee	USA	Educator	" "

[illegible], [illegible] C. [illegible] Insurance C [illegible]ylston Str[illegible] [illegible], MA [illegible]	Trust[illegible]	[illegible]	[illegible]	"	
[illegible]oewenberg, Chairman Brickwood Knoll, Route 6 [illegible]owa City, Iowa 52240	Trustee	USA	Educator	"	"
[illegible]asland, Mary Norton .O. Box 95[illegible] [illegible]anover, NH 03755	Trustee	USA	Unemployed	"	"
[illegible]atthaei, Gay Humphrey [illegible]2 East 78th Street [illegible]ew York, NY 10021	Trustee	USA	Designer	"	"
[illegible]cCulloch, Dorothy [illegible] [illegible] Adams Point Road [illegible]arrington, RI 02806	Trustee	USA	Unemployed	"	"
[illegible]cIntosh, Deborah [illegible] [illegible] Pippin Drive [illegible]astenbury, CT 06033	Trustee	USA	Unemployed	"	"
[illegible]iller, Frances Hall [illegible] Cliff Road [illegible]ellesley, MA 02181	Trustee	USA	Attorney	"	"
[illegible]ulcare, Rena Wadt [illegible] East Lyon Farm Drive [illegible]reenwich, CT 06830	Trustee	USA	Business Executive	"	"
[illegible]owell, M.D., Gloria J. [illegible]86 Avenida de Cortez [illegible]acific Palisades, CA 90272	Trustee	USA	Physician	"	"
[illegible]rice, Charles P. [illegible]eological Seminary [illegible]lrington, VA 22304	Trustee	USA	Clergy	"	"
[illegible]eymour, Dan [illegible] United Nations Plaza [illegible] York, NY 10017	Trustee	USA	Consultant	"	"
[illegible], [illegible] [illegible] Beacon Street, Apt. 5A [illegible]oston, MA 02116	Trustee	USA	Educator	"	"
[illegible]teiger, Joan Corcoran [illegible] Lindor Heights [illegible], MA [illegible]	Trustee	USA	Business Executive	"	"
[illegible], [illegible] [illegible] Farmingdale Road [illegible], CT [illegible]	Trustee	USA	Unemployed	"	"

[illegible], [illegible] Hill [illegible]mery Street [illegible]xandria, VA 22[illegible]2	[illegible]	[illegible]A	[illegible] Attorney-[illegible] of Interior	"	
[illegible]wing, Merrill [illegible]unt Holyoke College [illegible]outh Hadley, MA 01075	Treasurer Mount Holyoke College	USA	Administrative Officer	"	"
[illegible]wenbolyn Glass [illegible]ount Holyoke College [illegible]outh Hadley, MA 01075	Secretary of the College and Secretary to the Board of Trustees	USA	Administrative Officer	"	"

#9
WMHC

Pierson, Ball & Dowd
1000 Ring Building
1200 18th Street, N.W.
Washington, D. C. 20036

TEL. (202) 331-8566
CABLE ADDRESS "PIERBALL"

W. THEODORE PIERSON
HAROLD DAVID COHEN
LOWELL J. BRADFORD
ROBERT B. YORTY
WILLIAM O. BITTMAN
PETER D. O'CONNELL
ROBERT B. HANKINS
J. LAURENT SCHARFF
FRANCIS T. COLEMAN
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BRIAN A. JOHNSON
FREDERIC T. SPINDEL
GORDON W. HATHEWAY, JR
GEORGE R. CLARK
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BENJAMIN J. GRIFFIN
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FREDERIC J. BALL (1965)
VERNON C. KOHLHAAS (1971)

ROBERT E. HODSON
RETIRED (1975)

OF COUNSEL
THOMAS N. DOWD

May 8, 1980

Dr. Paul Ryak
Chairman of WMHC Advisory Committee
Mount Holyoke College
South Hadley, Massachusetts 01075

Dear Dr. Ryak:

The first class engineer that was supposed to call me on Tuesday did not do so, or at least I never received his call.

By my letter dated December 14, 1979, addressed to President Keenan, I recommended the preparation and submission of a supplemental statement from the engineering consultant setting forth the number of households that would be affected by the interference due to short spacing of WMHC with WMUA. Such a showing should support the "de minimis" claim of the overlap of the two signals.

We contacted Mr. Edward F. Perry concerning the preparation of such a statement which I also believe I requested of him a showing not only of the percentage of the area within the 1 mv/m contour of WMUA that would be affected by the interference, but also a statement from him indicating the very small percentage of the population within said contour in relation to the number receiving interference-free service that would be affected. I first called him on December 18, 1979. At that time he stated that he could not furnish the information until after the first of January. I called him again on January 18, 1980 and he promised to have the material delivered by the end of the next week. I called him seven additional times and each time he promised to have the material by a given date, but never delivered. While we would prefer to have the short affidavit from Mr. Perry, it is not absolutely necessary. It is believed that the station engineer could prepare a rather short affidavit to support the claim of "de minimis" interference.

To determine the area of interference, reference is made to Figure 1-1 of the WMHC Engineering Exhibit which shows the area over which the WMUA 60 dbu contour overlaps the WMHC 80 dbu contour. In paragraph 2-2 of the Engineering Exhibit said area is described as "less than 0.3 square miles and represents less than one quarter of one percent of the total WMUA service contour." This appears to be a true statement, although not supported by the exhibit.

Referring again to Figure 1-1, in the area of overlap of the two contours you will note a number of dots which appear to represent households in the area. It is suggested that you have your engineer either count these dots and multiply the number counted by four (which appears to be the standard practice), or better still, have him contact each house in said area and thus determine the actual population within the less than 0.3 square mile area that would be affected. Then, it is believed that for the reasons hereinafter set forth that your engineer could make a study based upon the U.S. Census population for July 1, 1975. It is believed that such study would reveal that the following communities, among others, are served with a 1 mv/m (60 dbu) signal by WMUA: Amherst, 30,127; Hadley Town, 3,772; Northampton, 30,173, for a total of 64,072. I would like to have your engineer examine this, especially to be certain that all of Northampton is served. If I am correct that all three communities are served then the total given could be stated as "at least 64,072."

I am enclosing herewith xerox data which constitutes application materials filed back in 1970 by the University of Massachusetts for Station WMUA at the present site, with the present power and antenna height. Exhibit F attached thereto can be referred to but should not be used inasmuch as the 60 dbu and 70 dbu contours shown thereon are based upon propagation curves that are no longer in effect. However, the heights above average terrain may be used by your engineer to compute the distances to the 60 dbu (1 mv/m) contour. On the bearings 1°, 45°, 90° and 135°, the effective antenna height is either negative or less than 100 feet. The standard practice in computing coverage would be to assume a 100 foot height above average terrain for each of said directions. Then apply 179' for 180°, 330' for 225°, 148' for 270° and 243' for 315°. It is believed that your engineer's examination of the F(50,50) curves now in effect for FM would indicate the following distances to the 60 dbu (1 mv/m contour: 6.3 miles in the direction of 0°, 45°, 90° and 135°; 8.5 miles in the direction of 180°; 11.5 miles in the direction of 225°; 6.7 miles in the direction of 270° and 9.5 miles in the direction of 315°. Considering these distances would produce an average

7.7 2

11.6 mi 9.8 mi

radius of 7.675 miles (i.e., 6.3, 6.3, 6.3, 6.3, 8.5, 11.5, 6.7 and 9.5 miles) which indicates a total area of 185.0 square miles (7.675^2 X π). Of course, your engineer could follow this procedure but make his own findings from the enclosed F(50,50) curves with respect to the radius in each of the eight directions. On the basis of 185 square miles the interference area percentage would be less than one quarter of one percent (viz., 0.3/185 - 0.0016).

Please have your engineer call me as soon as he has had an opportunity to read this. President Keenan should be prepared to go ahead and sign the application.

Sincerely yours,

PIERSON, BALL & DOWD

Harrison T. Slaughter

Harrison T. Slaughter

HTS/mea
Enclosures

Electronic Services Department

MOUNT HOLYOKE COLLEGE SOUTH HADLEY, MASSACHUSETTS 01075

AFFIDAVIT

Artner B. Chace, Jr., having been duly sworn, deposes and says that:

1. He holds a valid First Class radio telephone operator's license #Pl-1-21241 (expires Aug. 2, 1983) and is familiar with the provisions of part 73 of the rules of the Federal Communications Commission.

2. He is employed by Mount Holyoke College as the Director of Electronic Services.

3. He has prepared the attached engineering study.

4. The foregoing statements and the attached exhibits are true and correct of his own knowledge, except such statements as are on information and belief and to such statements, he believes them to be true.

Artner B Chace Jr
ARTNER B. CHACE, JR.

Subscribed and sworn before me this 30th day of May 1980.

Theresa J. Fascia
NOTARY PUBLIC, SO. HADLEY, MA.

My commission expires
July 13, 1984

ENGINEERING STATEMENT

The engineering data herein has been prepared as an addendum to the engineering exhibit prepared by Educational F.M. Associates for Mount Holyoke College (FM channel 218A) dated February 1979.

It is the purpose of this addendum to support the claim of "de minimus" interference in paragraphs 2-2 and 2-2a of the engineering exhibit.

Information on height above average terrain (H.A.A.T.) was taken from materials filed on Oct. 26, 1970 by the University of Mass. for station WMUA, Amherst, Mass. at the present site with the present power and antenna height. Distances to the 60dbu (1mv/m) contour were computed from (50,50) contours now in use by the Commission. This information is shown in Table I.

TABLE I

Azimuth Degrees True	Average Elevation 2 to 10 mi. (Feet AMSL)	Effective Antenna Height (Feet)	Antenna Height Used to Compute 60 dbu Contours	Distance to 60dbu Contour (Miles)
0	420	45	100	6.3
45	873	-408	100	6.3
90	802	-337	100	6.3
135	448	17--	100	6.3
180	286	179	179	8.5
225	135	330	330	11.6
270	317	148	148	7.7
315	222	243	243	9.8

Taking the eight radials for the WMUA 60dbu (1mv/m) service contour at 0°, 45°, 90°, 135°, 180°, 225°, 270°, & 315° the average radius is

$$\frac{6.3+6.3+6.3+6.3+8.5+11.6+7.7+9.8}{8} \text{ miles} = 7.85 \text{ miles}$$

Squaring this average and multiplying by pi (3.141) yields an approximate service area of: $A=7.85^2 \times 3.141=193.6$ square miles within the WMUA 60dbu service contour. Information in paragraph 2-2a of the WMHC engineering exhibit shows the area of interference to be less than 0.3 square miles. The area of interference is then: $\frac{0.3}{193.6} \times 100\% = 0.155\%$ of the total service area

within the 60dbu contours of WMUA. This supports the claim of paragraph 2-2a which states "The interference area...represents less than one quarter of one percent of the total WMUA service contour."

Reference to the map in figure I shows that the following towns and cities are entirely within the 60dbu service contours of WMUA. In addition at least 50% of the town of Easthampton is within the 60dbu contour of WMUA. Table II shows the population of these towns and shows the total population that is served within the 60dbu contour. Population information is taken from the Bureau of the Census information published in January 1979.

TABLE II

	Population as of July 1975	Population Within 60dbu Contour of WMUA
HAMPSHIRE COUNTY		
Amherst Town	32,780	32,780
Easthampton Town	15,521	7,760
Hadley Town	3,865	3,865
Hatfield Town	3,124	3,124
Northampton	30,101	30,101
FRANKLIN COUNTY		
Leverett Town	1,326	1,326
Whately Town	1,161	1,161
	Total	80,117

Source: U.S. Bureau of the Census Current Population Reports, Population estimates and projections, Series P-25 no. 760 issued Jan. 1979

A count was made of the number of dwellings within the WMUA 60dbu-WMHC 80dbu area of interference as shown in figure 1-1 of the engineering exhibit. There were 55 dwellings within this area. Assuming an occupancy of four persons per dwelling would yield an approximate population of 220 persons within the area of interference. The population within the area of interference is then: $\frac{220}{80117} \times 100\% = .275\%$ of the total population served within the 60dbu contour of WMUA. This further supports the claim of paragraph 2-2 of the engineering exhibit which states "The interference...is clearly "de minimus".

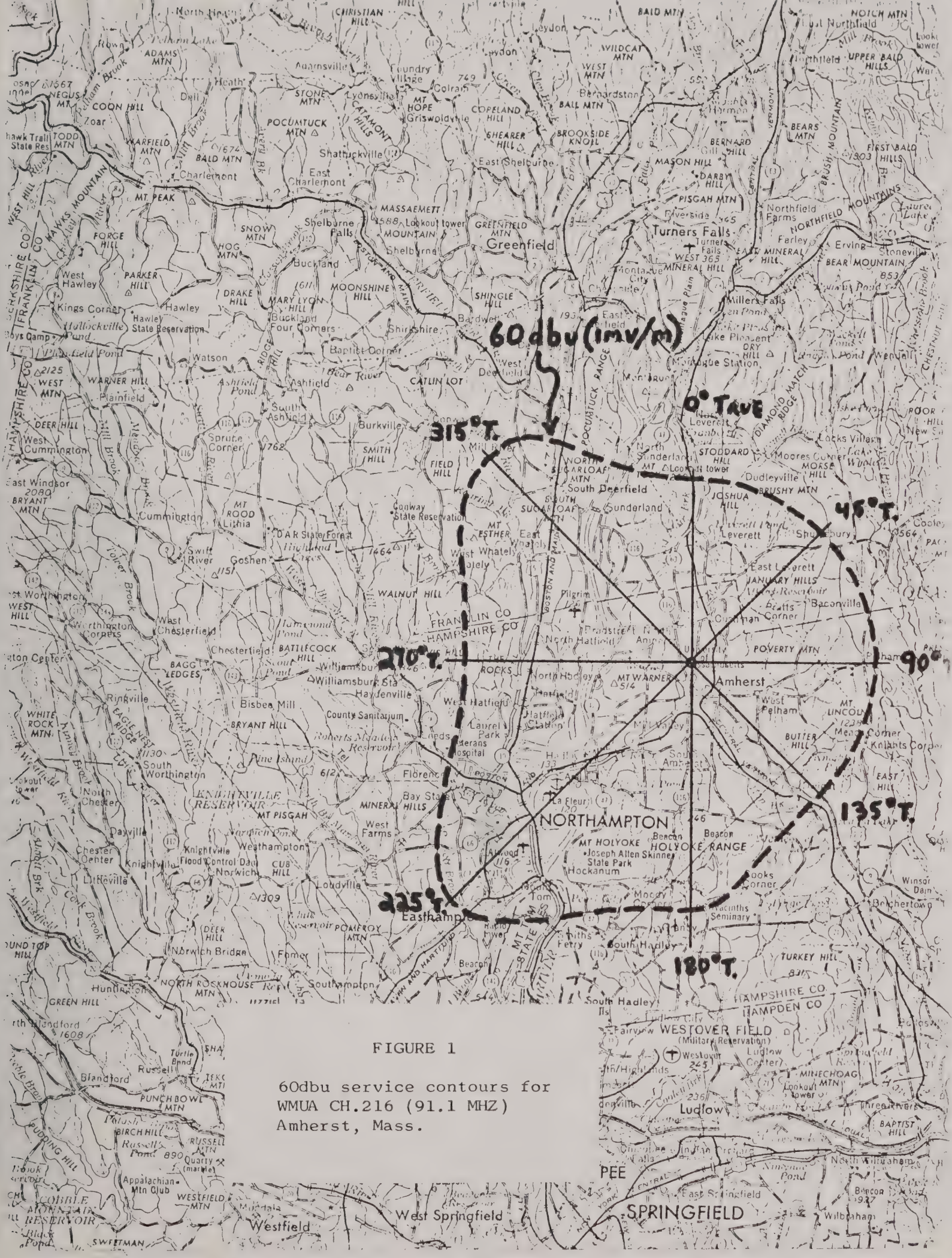

FIGURE 1

60dbu service contours for
WMUA CH.216 (91.1 MHZ)
Amherst, Mass.

IMODIUM®

TRADEMARK

(loperamide HCl)

Joan Davis 11/13/80

Pierson

Marnie Sarver

FCC - at least 10 wks

Omit at earliest

PRINTED IN U.S.A. JUNE 1978 ORTHO PHARMACEUTICAL CORPORATION 1978 PT8-56

The Assistant to the President

MOUNT HOLYOKE COLLEGE

South Hadley, Massachusetts 01075

Telephone 413 538-2027

December 11, 1980

To: Elizabeth Kennan

From: Joan Davis

Re: WMHC Power Application

Marnie Sarver of Pierson, Ball and Dowd called this morning to report on progress on the WMHC application. In checking on the status of the application, Attorney Sarver was told by a staff member at the FCC that it would be a good idea to request a waiver of the January 1, 1980 deadline, which Mount Holyoke did not meet.

Attorney Sarver was calling to report that they have prepared a petition for the FCC, contending that the deadline was in fact not an enforceable one because it had never reached the rules of the FCC. Apparently many matters are included in reports and orders and other policy communications, but anything as drastic as a cutoff date after which applications may not be accepted must be, Sarver will argue, in the rules. In September 1978 there was a report and order which began: "The rules will be changed to reflect the following." That included the January 1, 1980 deadline and a whole lot of other things. Everything in that report and order except for the deadline has subsequently been put into the rules. Therefore they are pretty certain that this approach will be persuasive with the commission.

They also are preparing an alternative position, a request for a waiver. They expect no problem with that, because in looking through the files they discovered that ten stations filed after the deadline and all of those have filed for a waiver. Several of those were colleges which filed late because they didn't have sufficient data by the filing date, and Mount Holyoke is in that category. Sarver is going to file both of these petitions in the name of Mount Holyoke, and I guess that there is nothing that we have to do right now. She mentioned that they will present this directly to the Chief of the Broadcast Bureau, and is very confident that there will be a successful outcome.

I asked her if there was any more news on a possible date when the FCC would take action; or rather I asked her if that had changed from her earlier prediction of April 1981, and she said that she was pretty certain nothing would happen before then.

She had one further question about the survey on whether there would be interference because of the increased power. On our application, the UMass station seemed to be the only one that might conceivably be affected. She wondered if we had negotiated at all with UMass on that because UMass will have the opportunity to pursue the question of interference if it so desires. I told her I would check on this and let her know.

cc: Dr. Paul Ryack
Mrs. Joan Steiger

United Press International

GENERAL OFFICES
NEWS BUILDING, 220 EAST 42ND STREET
NEW YORK, N. Y. 10017

KATHY LITTLE
SPECIAL SERVICES ADMINISTRATOR

December 16, 1980

Mr. James Cornwell
Purchasing Department WMHC-FM
Mount Holyoke College
PO Box 560
South Hadley, Massachusetts 01075

Dear Mr. Cornwell:

I am herewith returning an executed copy of the new agreement providing for the continuation of UPI Service.

It is a pleasure to continue to be of service under the new arrangement.

With Best wishes.

Cordially,

Kathy Little

Kathy Little

Encls.

1980-1981

EDUCATIONAL AGREEMENT

United Press International, Inc., 220 East 42nd Street, New York, New York 10017 (UPI) and WMHC-FM Mount Holyoke College

(Subscriber) agree as follows:

1. UPI grants to Subscriber the non-exclusive right of using UPI's Broadcast wire (Service) for news purposes

over WMHC-FM Mount Holyoke College

South Hadley, MA

UPI shall deliver the service by leased line and UPI-owned and maintained printer-telegraph machine for which Subscriber shall furnish space and power. UPI shall bear all cost of installation and removal, and shall furnish single-copy paper and ribbon supplies.

2. This agreement shall continue from the first full week of September, 1980, through the second full week of June 1981, and may be renewed for similar periods in successive years by mutual consent of Subscriber and UPI.

3. The rate for uninterrupted serivce via standard teleprinter shall be $74.20 weekly for 33 weeks, although service is received for 41 weeks. A FIVE PER CENT DISCOUNT APPLIES FOR ADVANCE PAYMENT RECEIVED PRIOR TO SEPTEMBER 1, 1980.

4. Subscriber shall not use or permit use of the Service in any way not authorized by this agreement and shall not distort the substance of the Service. Subscriber shall indemnify and hold UPI harmless against any claim damage or expense arising out of Subscriber's use of the Service contrary to this agreement or instructions by UPI.

5. Clause 3 notwithstanding, if service is required year-round, a straight $74.20 per week rate applies.

Made this 21 day of May, 19 80 at New York, N.Y.

UNITED PRESS INTERNATIONAL, INC. WMHC-FM Mount Holyoke College

By Jo Anne Sulik WMHC

By Joseph F. Frigenti
Assistant Secretary

ORIGINAL

Trustees of Mount Holyoke College

TEXT OF WMHC'S PRE-FILING ANNOUNCEMENT

On ~~April 1, 1975,~~ March 13, 1978 WMHC was granted a license by the Federal Communications Commission to serve the public interest as a public trustee until April 1, 19~~78~~81.

Our license will expire on April 1, 19~~78~~81. We must file an application for license renewal with the FCC by December 1, 19~~77~~80. When filed, a copy of this application will be available for public inspection during our regular business hours. It contains information concerning this station's performance during the last three years and projections of our programming during the next three years.

Individuals who wish to advise the FCC of facts relating to the renewal application and to whether this station has operated in the public interest should file comments and petitions with the Commission by March 1, 19~~78~~81, by writing the FCC, Washington, D. C. 20554.

DATES AND TIMES OF BROADCAST

November 17, 1977	11 p.m.
November 28, 1977	12 noon
November 29, 1977	8 a.m.
November 30, 1977	4 p.m.

ORIGINAL

ANTICIPATED TEXT OF POST-FILING ANNOUNCEMENT

On ~~April 1, 1975,~~ March 13, 1978 WMHC was granted a license by the Federal Communications Commission to serve the public interest as a public trustee until April 1, 19~~78~~81.

Our license will expire on April 1, 19~~78~~81. We have filed an application for license renewal with the FCC.

A copy of this application is available for public inspection during our regular business hours. It contains information concerning the station's performance during the last three years and projections of our programming during the next three years.

Individuals who wish to advise the FCC of facts relating to our renewal application and to whether this station has operated in the public interest should file comments and petitions with the Commission by March 1, 19~~78~~81 by writing the FCC, Washington, D. C. 20554.

ANTICIPATED SCHEDULING OF POST-FILING
ANNOUNCEMENT BROADCAST

December 1, 1977	5:15 p.m.
December 13, 1977	8:00 a.m.
January 6, 1978	2:00 p.m.
January 16, 1978	8:00 p.m.
February 1, 1978	10:00 a.m.
February 16, 1978	4:00 p.m.

WMHC suspends programming from December 14, 1977 through January 5, 1978. January 6, 1978 is the first day of that month that WMHC broadcasts.

PED

CERTIFICATION

Pursuant to the Commission's December 17, 1973, notice to all licensees concerning renewal procedures, the undersigned hereby certifies that ~~KHVH, Inc.~~ The Trustees of Mount Holyoke College, gave notice as required by #73.3580 (d)(4)(i)(A) of the Commission's rules of the intended filing no later than ~~October~~ December 1, 1980, of its application for renewal of the license of station ~~KHVH~~ WMHC (FM), as set forth in the attached text. This notice was broadcast on the following dates and times:

~~8/01/80~~	~~5:51PM~~	at least 2 between 7-9 AM and/or 4-6 PM
8/16/80	4:21PM	
9/01/80	8:53AM	
9/16/80	~~10:50AM~~	

The proposed text of the notice required pursuant to #73.3580 (d)(4)(ii)(A) of the Commission's Rules to the effect that ~~KHVH, Inc.~~ The Board of Trustees of..., has filed for the renewal of the license of station ~~KHVH~~ WMHC is also attached hereto. It is proposed to broadcast this announcement on the following dates and times:

~~10/01/80~~	~~4:12PM~~	~~11/16/80~~	~~12:25PM~~	3-7-9 AM and/or 4-6PM
10/16/80	10:14AM	12/01/80	8:53AM	1-9-Noon
11/01/80	4:14PM	12/16/80	~~11:42PM~~	1-Noon-4
				1-7-Midn.

12/1/80
12/16/80
1/5/81*
1/16/81
2/1/81
2/16/81

By_____

*Mt. Holyoke College is not in session on 1/1/81.

W. THEODORE PIERSON
HAROLD DAVID COHEN
WILLIAM F. WETMORE, JR.
WILLIAM A. GEOGHEGAN
DAVID MACHANIC
WILLIAM S. GREEN
J. LAURENT SCHARFF
FRANCIS T. COLEMAN
WILLIAM S. D'AMICO
BRIAN A. JOHNSON
FREDERIC T. SPINDEL
GORDON W. HATHEWAY, JR.
MARK J. TAUBER
JOHN J. DUFFY
R. N. DUNAGAN III
RICHARD M. SINGER
JOEL M. HAMME
JACK N. GOODMAN
VAUGHN W. ROYAL
MICHAEL F. MARINO III
JERALD N. FRITZ
LAWRENCE E. CARR III
JAMES K. JACKSON
KARL W. SONNEMAN
KENNETH GROSS
JAMES H. HUTCHINSON III
MARNIE K. SARVER

HARRISON T. SLAUGHTER
DEAN BURCH
ROBERT B. YORTY
WILLIAM O. BITTMAN
PETER D. O'CONNELL
VIRGINIA LEE RILEY
W. THEODORE PIERSON, JR.
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STEPHAN E. LAWTON
GEORGE R. CLARK
JOHN R. ERICKSON
L. L. HANK HANKLA
MICHAEL MINNIS*
NORMAN L. EULE
T. TIMOTHY RYAN, JR.
BENJAMIN J. GRIFFIN
BENJAMIN F. P. IVINS
MAURICE BASKIN
ELIZABETH B. CARDER
E. MICHAEL FLANAGAN
LINDA A. SCHNEIDER
JOSEPH M. SELLERS
EUGENE TILLMAN
THOMAS J. McGEADY*

* NOT A MEMBER OF D.C. BAR

Pierson, Ball & Dowd
1000 Ring Building
1200 18th Street, N.W.
Washington, D.C. 20036

TEL. (202) 331-8566
CABLE ADDRESS "PIERBALL"

OKLAHOMA OFFICE
CITY NATIONAL BANK TOWER
SUITE 750
OKLAHOMA CITY, OKLA. 7310
TEL. (405) 235-7686

COUNSEL
THOMAS N. DOWD
ROBERT B. HANKINS

LOWELL J. BRADFORD
RETIRED (1980)

February 2, 1981

Mrs. Elizabeth Kennan
President
Mount Holyoke College
South Hadley, Massachusetts 01075

Dear Mrs. Kennan:

We are enclosing a copy of the Commission's Public Notice announcing its action on January 29, 1981, relating to filing of applications by Class D educational FM stations for authority to increase power to 100 watts. The Commission's action removes any question about a deadline requiring the filing of such applications by January 1, 1980, and assures that the WMHC-FM application will be considered in due time.

We will continue to watch for notice that the WMHC-FM application has been accepted for filing. Based upon current processing time-tables, that should occur within the next 90 days.

If you have any questions concerning the Commission's actions, please do not hesitate to give us a call.

Sincerely,

PIERSON, BALL & DOWD

/s/

Marnie K. Sarver

Enclosure
MKS/jl

cc w/encl: Joan Davis

cc w/o encl: Harrison T. Slaughter, Esq.

W. THEODORE PIERSON
HAROLD DAVID COHEN
WILLIAM F. WETMORE, JR.
WILLIAM A. GEOGHEGAN
DAVID MACHANIC
WILLIAM S. GREEN
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MARNIE K. SARVER
GERTRUDE J. WHITE
LINDA S. MARASCO

* NOT A MEMBER OF D.C. BAR

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JOHN A. RITCHIE
JAMES M. SMITH
SUE D. BLUMENFELD *

Pierson, Ball & Dowd
1000 Ring Building
1200 18th Street, N.W.
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OKLAHOMA OFFICE
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SUITE 750
OKLAHOMA CITY, OKLA. 73102
TEL. (405) 235-7686

COUNSEL
THOMAS N. DOWD
ROBERT B. HANKINS

LOWELL J. BRADFORD
RETIRED (1980)

March 13, 1981

Mrs. Elizabeth Kennan
President
Mount Holyoke College
South Hadley, MA 01075

Dear President:

This is to inform you that the application of the President and Board of Trustees of Mount Holyoke College for authority to increase power to 100 watts was accepted for filing by the FCC on March 11, 1981 and was placed on a cut-off list for April 27, 1981. As you may know, all applications for major changes of existing broadcast stations, such as an increase in power or a change in frequency, are placed on public notice and a cut-off date set by which time all those wishing to oppose the proposed change must file their opposition. This means that any party wishing to oppose the Mount Holyoke application, or requesting a mutually exclusive facility, must file by April 27, 1981.

For your records, the Mount Holyoke College application now bears the file number BPED-800617AA.

We will, of course, keep you informed of any relevant filings between now and April 27. Please let us know if you have any questions concerning this matter, or if we may be of other assistance.

Sincerely,

PIERSON, BALL & DOWD

Marnie Sarver

Marnie K. Sarver

MKS:ve
cc: Mrs. Joan Davis,
Assistant to the President
Mr. Paul Ryak

W THEODORE PIERSON
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RANDY ALAN WEISS
JUDITH ST. LEDGER-ROTY
DAVID L. MARKELL
ANTHONY W. PARKER
MICHAEL E. DeBOW

OF COUNSEL
CHARLES E. WIGGINS

*NOT A MEMBER OF D. C. BAR

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COUNSEL
THOMAS N. DOWD
ROBERT B. HANKINS

LOWELL J. BRADFORD
RETIRED (1980)

August 24, 1982

Dr. Paul Ryack
Mount Holyoke College
South Hadley, Massachusetts 01075

Dear Paul:

As promised, I enclose a copy of the Commission's Rules relating to extension meters. Please feel free to call us if you have any further questions.

Sincerely,

PIERSON, BALL & DOWD

Marnie

Marnie K. Sarver

MKS:dhr

Enclosure

United States of America
FEDERAL COMMUNICATIONS COMMISSION
NON-COMMERCIAL EDUCATIONAL

File No. BLED-820920AA
Call Sign: WMHC

FM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this license,[1] the LICENSEE

TRUSTEES OF MOUNT HOLYOKE COLLEGE

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time: APRIL 1, 1991

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. Frequency (MHz) .....: 91.5
2. Transmitter output power ....: 0.059 kw
3. Effective radiated power ....: 0.100 kw (H&V)
4. Antenna height above average terrain (feet) ....: minus 18 feet (H&V)
5. Hours of operation .....: Unlimited
6. Station location .....: South Hadley, Massachusetts
7. Main studio location .....: Mary E. Woolley Student Center
   South Hadley, Massachusetts
8. Remote Control point .....: --
9. Antenna & supporting structure: North Latitude: 42° 15' 12"
   West Longitude: 72° 34' 40"
   CCA ELECT. 6812-4, four sections circularly polarized side-mounted at the 79 foot level C/R-AGL on a uniform cross-section guyed steel tower. OVERALL HEIGHT ABOVE GROUND: 94 feet (without obstruction lighting)
10. Transmitter location .....: Mary E. Woolley Student Center
    South Hadley, Massachusetts
11. Transmitter(s) (See Sections 73.1660, 73.1665 and 73.1670 of Commission's Rules) .....: Type Accept
12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: NONE REQUIRED
13. Conditions: --

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by section 606 of the Communications Act of 1934.

[1] This license consists of this page and pages

FEDERAL COMMUNICATIONS COMMISSION

Dated: April 16, 1984
dac

FCC Form 352-A
January 1980

Dr. Paul Ryack
Health Center

TO: PRESIDENT KENNAN AND THE BOARD OF TRUSTEES

WMHC
Radio Station of
MOUNT HOLYOKE COLLEGE
South Hadley, Massachusetts 01075
Telephone 413 538-2044

PROPOSAL OF POWER INCREASE AND ANTENNA RELOCATION FOR WMHC-FM

Presently, WMHC operates on FM Channel 218 with 10 watts of power. The WMHC Board of Directors proposes to increase power to 100 watts, with accompanying changes in studio facilities, and to relocate its antenna. These changes would permit WMHC to remain a primary operation, not subject to the Federal Communications Commission's new rulings against Class D stations.

To affect this power increase, WMHC needs to:

1) obtain the approval of the licensees; the President and Trustess of Mount Holyoke College

2) conduct an engineering survey and complete application to the FCC (Edward Perry, Educational FM Associates)

3) purchase necessary equipment (see enclosed sheet)

4) obtain permission from the college to relocate our antenna (the water tower on Prospect Hill or the Mandelles seem to be the best choices)

Speed is essential in this matter. The sooner the FCC has our completed application, the better our chances of being granted a new license. We have one major concern, and that is money. I am hopeful that the Development Office will be able to assist us in seeking funding.

Additional advantages of this power increase include a stronger signal to those who already pick up WMHC, an increased listening audience,(allowing faculty, administration, staff, and off-campus students enjoy WMHC at home) and increased service to the community.

WMHC is the third oldest college radio station, the first women's

radio station in the country, and a very important part of our college community. I'm sure that you see the need for the continuation of WMHC's service, and will approve our proposal.

Respectfully yours,

Kimberly J. Enders

Kimberly J. Enders
General Manager, WMHC-FM

Mr. Smith

TV STL APPLICATIONS ACCEPTED FOR FILING (CONT'D)

PA BPLTS	-800620MA	NEW	CAPITAL CITIES COMMUNICATIONS, INC. PHILADELPHIA , PA	CP & LIC NEW TV STL STN: 6975-7000 MHZ, 0.75W, TL: 4100 CITY LINE AVE, PHILADELPHIA, PA, USED WITH WPVI-TV, PHILADELPHIA, PA
VT BPLTS	-800619ME	KGA-44	INTERNATIONAL TELEVISION CORPORATION BURLINGTON , VT	CP & LIC TO CHG TL: 100 MARKET SQUARE, S. BURLINGTON, VT & MAKE CHG IN ANTENNA SYSTEM USED WITH WEZF-TV, BURLINGTON, VT

NON-COMMERCIAL EDUCATIONAL FM APPLICATIONS TENDERED FOR FILING AND ASSOCIATED MAJOR ENVIRONMENTAL ACTION NARRATIVE STATEMENT, IF INDICATED, ACCEPTED FOR FILING'

MA	800617AA	WMHC 91.5MHZ	TRUS. OF MT. HOLYOKE COLLEGE SOUTH HADLEY , MA	CP TO INCREASE ERP; 0.100 KW;HAAT: MINUS 18' AND SPECIFY REMOTE CONTROL AT STUDIO LOC.

FM TRANSLATOR APPLICATIONS ACCEPTED FOR FILING

OR BPFT	-800122IB	NEW 91.5MHZ	LANE COMMUNITY COLLEGE COTTAGE GROVE , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE COTTAGE GROVE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: HANSON BUTTE, 1.5 MI. SSE OF COTTAGE GROVE, OR (43-46-38 123-02-33); ORIENTATION: 55, 240 207 AND 340 DEGREES TRUE; HEIGHT: 50 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.
OR BPFT	-800122IC	NEW 91.5MHZ	LANE COMMUNITY COLLEGE FLORENCE, , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE FLORENCE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: TLENADA HILL, 1.3 MI. E. OF GLENDA, FLORENCE, OR (43-57-46 124-04-15); ORIENTATION: 150, 240, 305 AND 35 DEGREES TRUE; HEIGHT: 35 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.
OR BPFT	-800122ID	NEW 91.5MHZ	LANE COMMUNITY COLLEGE OAKRIDGE, , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE OAKRIDGE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: ATOP TV BUTTE, 1 MI. E. OF CENTER OF OAKRIDGE, OR (43-44-54 122-26-15); ORIENTATION: 282 DEGREES TRUE; HEIGHT: 25 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.

-OVER-

Mr. Smith

TV STL APPLICATIONS ACCEPTED FOR FILING (CONT'D)

PA BPLTS	-800620MA	NEW	CAPITAL CITIES COMMUNICATIONS, INC. PHILADELPHIA , PA	CP & LIC NEW TV STL STN: 6975-7000 MHZ, 0.75W, TL: 4100 CITY LINE AVE, PHILADELPHIA, PA, USED WITH WPVI-TV, PHILADELPHIA, PA
VT BPLTS	-800619ME	KGA-44	INTERNATIONAL TELEVISION CORPORATION BURLINGTON , VT	CP & LIC TO CHG TL: 100 MARKET SQUARE, S. BURLINGTON, VT & MAKE CHG IN ANTENNA SYSTEM USED WITH WEZF-TV, BURLINGTON, VT

NON-COMMERCIAL EDUCATIONAL FM APPLICATIONS TENDERED FOR FILING AND ASSOCIATED MAJOR ENVIRONMENTAL ACTION NARRATIVE STATEMENT, IF INDICATED, ACCEPTED FOR FILING'

MA	800617AA	WMHC 91.5MHZ	TRUS. OF MT. HOLYOKE COLLEGE SOUTH HADLEY , MA	CP TO INCREASE ERP; 0.100 KW;HAAT: MINUS 18' AND SPECIFY REMOTE CONTROL AT STUDIO LOC.

FM TRANSLATOR APPLICATIONS ACCEPTED FOR FILING

OR BPFT	-800122IB	NEW 91.5MHZ	LANE COMMUNITY COLLEGE COTTAGE GROVE , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE COTTAGE GROVE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: HANSON BUTTE, 1.5 MI. SSE OF COTTAGE GROVE, OR (43-46-38 123-02-33); ORIENTATION: 55, 240 207 AND 340 DEGREES TRUE; HEIGHT: 50 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.
OR BPFT	-800122IC	NEW 91.5MHZ	LANE COMMUNITY COLLEGE FLORENCE, , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE FLORENCE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: TLENADA HILL, 1.3 MI. E. OF GLENDA, FLORENCE, OR (43-57-46 124-04-15); ORIENTATION: 150, 240, 305 AND 35 DEGREES TRUE; HEIGHT: 35 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.
OR BPFT	-800122ID	NEW 91.5MHZ	LANE COMMUNITY COLLEGE OAKRIDGE, , OR	CP FOR NEW FM TRANSLATOR STATION TO SERVE OAKRIDGE, OR ON CH-218, 91.5MHZ; PRIMARY FM STATION: K L C C, CH-209, EUGENE, OR (DIRECT); TL: ATOP TV BUTTE, 1 MI. E. OF CENTER OF OAKRIDGE, OR (43-44-54 122-26-15); ORIENTATION: 282 DEGREES TRUE; HEIGHT: 25 FT.; TRANS.: TELEVISION TECHNOLOGY T99FM10, 10W.

1. Freq search comm'l band $250
   Add'l cost to modify application $200
2. Sugg new antenna & have circ polarized $1200
   ? can find purchaser for present one - $300
3. New Xtal $70

GATES

TRANS SER # 73-9507-008

~~GATES # 974-6095-001~~

PAUL J. KRAWCZYNSKI # P1-1-20040

EXP DATE JUN 3, 1982

f_0 91.500 MHZ.

f_0 MEAS - 91.500045 MHZ.

ERROR + 45 HZ.

f_0 CORRT. 91.500000 MHZ.

Pin

Pout. 8.5 WATTS

MOD. ± 60 KHZ.

~~KEN SAUER~~

A RELATED PROBLEM — THAT OF THE FIRST CLASS RADIOTELEPHONE LICENCE HOLDER REQUIRED BY THE F.C.C. WE CANNOT REQUIRE MR. McCORMICK TO TAKE THAT RESPONSIBILITY — HE WOULD BE WILLING TO ALLOW THE USE OF HIS LICENSE & ASSUME THAT RESPONSIBILITY UNDER TWO CONDITIONS

1. THAT AS IS USUAL AN ANNUAL FEE FOR THE USE OF THAT LICENSE BE PAID —
2. — THAT THE STATION BE MONITORED DAILY BY A TECHNICALLY COMPETENT MEMBER OF THE WMHC STAFF

request for additional services - & for responsibility to who pays - money must be provided for 1st class ticket & for proofs - maintenance budget must be provided for chief engineer. UNDER HIS CONTROL

have provided ~~for~~ years repair services for years

operation of station requires 1st class licensee who has responsibility in these matters

assume Rita's input -

did we not provide repair?

do students want responsibility for ~~[illegible]~~ - 1st class ticket

- considered funds for use of 1st class ticket

unaware of guidance in the past - negotiations w/ STCC for change of freq. - acq. of new antenna - installation of equipment in new location - only documentation of system interconnection - provided special cable for antenna to save $'s.

station has operated w/out proper licensing

licensed engineer has responsibility in every aspect except programming -

SECURITY RADIO — BASE 40W, MOBILE 25W, 10 HANDIE-TALKIES

MAINTENANCE PAGERS — 10

FOOD SERVICE PAGERS — 4

WMHC — 100W XMTR, LIM-IT + ~~RECORD~~ PROD. STUDIO ETC.

SECURITY ALARM SYSTEMS — ART BLDG., PRATT, SKINNER MUSEUM, PATTY GROVE HEALTH CENTER, — BOOKSTORE — SMOKE DET. MEAD, GORSE, MARY WOOLLEY, WILLETS, HTNG PLANT, ROCKY, KENDALL — DICKINSON

HEATING PLANT — BARBER COLEMAN EQUIP.

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

June 12, 1974

IN REPLY REFER TO:
8832

The President and Trustees of
Mt. Holyoke College
c/o Mr. Arthur Chase
3 Chem Lab Building
Mt. Holyoke College
South Hadley, Massachusetts 01075

Gentlemen:

Reference is made to your application, File No. BPED-1755, to change frequency and equipment at noncommercial educational FM broadcast station WMHC(FM), South Hadley, Massachusetts.

The change in frequency makes the application a major change application for which the Commission's rules require that public notice be given of the filing of the application. The Commission has no record that this has been done for your application. For your information there is enclosed a release concerning this matter. Final action on your application will be withheld pending compliance with this requirement.

Sincerely yours,

Martin I. Levy, Chief
Broadcast Facilities Division
Broadcast Bureau

Enclosure

such filing as follows: Notice shall be published at least twice a week for 2 consecutive weeks within the 3 week period immediately following the tendering for filing of such application or amendment, or at least twice a week for 2 consecutive weeks within the 3 week period immediately following notification by the Commission pursuant to §1.571, §1.572, §1.573, or § 1.578, in a daily newspaper of general circulation published in the community in which the station is located or proposed to be located: Provided, however, That if there is not such daily newspaper published in the community, the notice shall be published as follows:

(1) If one or more weekly newspapers of general circulation are published in the community in which the station is located or proposed to be located, notice shall be published in such a weekly newspaper once a week for 3 consecutive weeks within the 4 week period immediately following the tendering for filing of such application or amendment, or once a week for 3 consecutive weeks within the 4 week period immediately following notification by the Commission pursuant to §1.571, §1.572, §1.573, or §1.578.

(2) If no weekly newspaper of general circulation is published in the community in which the station is located or proposed to be located, notice shall be published at least twice a week for 2 consecutive weeks within the 3 week period immediately following the tendering for filing of such application or amendment, or at least twice a week for the 2 consecutive weeks within the 3 week period immediately following notification by the Commission pursuant to §1.571, §1.572, §1.573, or §1.573, in the daily newspaper having the greatest general circulation in the community in which the station is located or proposed to be located:

And provided further: That in the case of an application for a permit pursuant to section 325(b) of the Communications Act, the notice shall be published at least twice a week for 2 consecutive weeks within the 3 week period immediately following the tendering for filing of such application, or at least twice a week for 2 consecutive weeks within the 3 week period immediately following notification by the Commission pursuant to §1.571, §1.572, §1.573, or §1.578, in a daily newspaper of general circulation in the largest city in the principal area to be served in the United

States by the foreign radio broadcast station:
And provided further, That in the case of an application for change in the location of a station, the notice shall be published both in the community in which the station is located and in the community in which the station is proposed to be located.

(d) If the application seeks modification, assignment, transfer or renewal of an operating broadcast station (except for applications for stations in the international broadcast service and for television translator stations), the applicant shall, in addition to publishing a notice of such filing as provided in paragraph (c) of this section, cause the same notice to be broadcast over that station at least once daily on 4 days in the second week immediately following the tendering for filing of such application, or in the second week immediately following notification by the Commission pursuant to §1.571, §1.572, §1.573, or §1.578. In the case of television broadcast stations and noncommercial educational television broadcast stations, such notice shall be broadcast orally with camera focused on the announcer. The notice required by this paragraph shall be broadcast during the following periods:

(1) For television broadcast stations, between 7:00 p.m. and 10:00 p.m.

(2) For standard and FM broadcast stations, between 7:00 a.m. and 10:00 a.m., but if such stations do not operate during those hours, then between 6:00 p.m. and 9:00 p.m.

(3) For noncommercial educational television broadcast stations, between 7:00 p.m. and 10:00 p.m., but if the period of broadcast of notice falls within a portion of the year during which such stations do not broadcast, then such stations need not comply with the provisions of this paragraph.

(4) For noncommercial educational FM broadcast stations and standard broadcast stations operating as educational stations, between 3:00 p.m. and 10:00 p.m., but if the period of broadcast of notice falls within a portion of the year during which such stations do not broadcast, then such stations need not comply with the provisions of this paragraph.

(e) If the station in question is the only operating station in its broadcast service which is located in the community involved, or if it is a noncommercial educational station

(FM or television) or a standard broadcast station operating as a noncommercial educational station, publication of the notice in a newspaper, as provided in paragraph (c) of this section, is not required, and publication by broadcast over that station as provided in paragraph (d), shall be deemed sufficient to meet the requirements of paragraphs (c) and (d) of this section: Provided, however, That noncommercial educational FM broadcast stations, noncommercial educational television broadcast stations, and standard broadcast stations operating as noncommercial educational stations which do not broadcast during the portion of the year in which the period of broadcast of notice falls must comply with the provisions of paragraph (c) of this section.

(f) The notice required by paragraphs (c) and (d) of this section shall contain the information indicated in subparagraphs (1) thru (4) and (10) of this paragraph, and, if the notice concerns applications and amendments referred to in subparagraphs (5) through (9) of this paragraph, shall also contain the information called for in those subparagraphs:

(1) The name of the applicant, if the applicant is an individual; the names of all partners, if the applicant is a partnership; or the names of all officers and directors and of those persons holding 10 percent or more of the capital stock or other ownership interest if the applicant is a corporation or an unincorporated association (in the case of applications for assignment or transfer of control, information should be included for all parties to the application). PRES. & TRUSTEES OF MHC

(2) The purpose for which the application was filed, (i.e., construction permit, modification, transfer or assignment of control, renewal, etc.). FREQ. CHANGE

(3) The date when the application or amendment was tendered for filing with the Commission. ?

(4) The call letters, if any, of the station, and the frequency or channel on which the station is operating or proposes to operate. WMHC 90.7 91.5

(5) In the case of an application for construction permit for a new station, the facilities sought, including type and class of station, power, location of studios, transmitter site and antenna height.

(6) In the case of an application for modification of a construction permit or license, the exact nature of the modification sought.

(7) In the case of an amendment to an application, the exact nature of the amendment.

(8) In the case of applications for a permit pursuant to section 325(b) of the Communications Act, the call letters and location of the foreign radio broadcast station, the frequency or channel on which it operates and a description of the programs to be transmitted over the station.

(9) * * *

(10) A statement that a copy of the application, amendment(s), and related material are on file for public inspection at a stated address in the community in which the main studio is maintained or is proposed to be located. See §1.526.

(g) * * *

(h) Within 7 days of the last day of publication or broadcast of the notice required by paragraphs (c), (d) or (g) of this section, the applicant shall file a statement in triplicate with the Commission, setting forth the dates on which the notice was published, the newspaper in which the notice was published, the text of the notice, and/or, where applicable, the dates and times that the notice was broadcast and the text thereof. When public notice is given by other means, as provided in paragraph (g) of this section, the applicant shall file, within 7 days of the giving of such notice, the text of the notice, the means by which it was accomplished, and the date thereof.

Section 1.580 is contained in Volume I - FCC Rules and Regulations - a copy of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, for $4.50.

You are cautioned that failure to comply with the above-referenced requirments may result in dismissal of your application.

Proposal

PROPOSAL SUBMITTED TO		PHONE	DATE
STREET		JOB NAME	
CITY, STATE AND ZIP CODE		JOB LOCATION	
ARCHITECT	DATE OF PLANS		JOB PHONE

We hereby submit specifications and estimates for:

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within _____ days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____

Signature _____

Signature _____

FORM 118-T COPYRIGHT 1960 — NEW ENGLAND BUSINESS SERVICE, INC., TOWNSEND, MASS.

ADDITIONAL WORK AUTHORIZATION

OWNER'S NAME		PHONE	DATE
STREET		JOB NAME	JOB NUMBER
CITY	STATE	STREET	
EXISTING CONTRACT NO.	DATE OF EXISTING CONTRACT	CITY	STATE

You are hereby authorized to perform the following specifically described additional work:

ADDITIONAL CHARGE FOR ABOVE WORK IS: $ _____

Payment will be made as follows: _____

Above additional work to be performed under same conditions as specified in original contract unless otherwise stipulated.

Date _____ 19 ____ Authorizing Signature _____
(OWNER SIGNS HERE)

We hereby agree to furnish labor and materials – complete in accordance with the above specifications, at above stated price.

Authorized Signature _____ Date _____
(CONTRACTOR SIGNS HERE)

THIS IS CHANGE ORDER NO. _____ 19 ____

NOTE: This Revision becomes part of, and in conformance with, the existing contract.

Form 120 — New England Business Service, Inc., Townsend, Mass. 01469

Arthur Chace
Electronic Services
3 Carr Laboratory
Moun t Holyoke College
South Hadley, Mass.
01075

September 9, 1974

Martin I. Levy
Broadcast Facilities Division
Broadcast Bureau
Federal Communications Commission
Washington, D. C. 20554

Sir:

This is in reference to a major change application no. 3832 and File No. BPED-1755. A request to change frequency and equipment at noncommercial educational FM broadcast station WMHC, South Hadley, Massachusetts.

On August 1,2,5, & 6 the following Legal Notice was printed in the Holyoke Transcript, an Holyoke, Mass. newspaper:

Legal Notice

On December 13, 1973, WMHC- FM tendered for filing with the Federal Communication Commissin, Washington, D.C., an application for authority to make changes in their non-commercial, educational, FM station.

WMHC currently operates on channel 214 (90.7) with a transmitter power of 10 watts. Changes requested would authorize WMHC to operate on channel 218 (91.5 MHZ) with an effective radiated power of 19 watts.

WMHC is licensed to the President and Trus ees of Mount Holyoke College.

A copy of the application and relevant material is available during normal working hours in the Electronic Services Department, Carr Lab, Mount Holyoke College, South Hadley, Mass.

With the compliance of this requirement we hope final action can be taken on our application.

Sincerely,

Arthur B. Chace Jr

Arthur Chace
Electronic Services
Mount Holyoke College

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

September 11, 1974

IN REPLY REFER TO:
8832

The President and Trustees of
Mt. Holyoke College
c/o Mr. Arthur Chase
3 Chem Lab Building
Mt. Holyoke College
South Hadley, Massachusetts 01075

Gentlemen:

Further reference is made to your application, File No. BPED-1755, to change the frequency and equipment at noncommercial educational FM broadcast station WMHC(FM), South Hadley, Massachusetts.

In its letter of June 12, 1974, the Commission advised you that the proposed operation of WMHC was considered a major change and that the Commission's rules required that public notice be given of the filing of the application. As of this date, the Commission has no record that this has been done for your application. Final action on your application is being withheld pending compliance with this requirement.

Sincerely yours,

Martin I. Levy, Chief
Broadcast Facilities Division
Broadcast Bureau

9/19 (74)

SEP 74

Art -

I received a telegram yesterday from the FCC -

Commission on Sept 16 granted application BPED-1,755 construction permits to change frequency to 91.5 MHz no. 218. Install new transmitter and antenna and correct coordinate.

(signed) Wallace E. Johnson
Chief Broadcast Bureau
Washington, D.C.

Jill Beck
WUHC

M E M O R A N D U M

TO: Harry Brock
Warren McAvoy

DATE: August 12, 1975

FROM: Wayne D. Gass

RE: Radio Studio

Please work with Art Chace and Oliver Allyn to relocate the radio studio, transmitter, et al back to the Mary Lyon Room in Mary Woolley Hall.

The timing should be after Alumnae moves out (August 11/12) but before college opens. No other work should be done in the new radio studio except moving the equipment and getting it hooked up and running.

The old radio studio in the Lab Theatre will become an office. I believe the only necessary work will be covering the window (both sides) with bulletin board material and some clean up (perhaps one coat of paint).

WDG:dds

cc: Oliver Allyn
Art Chace

FEB 27, 1976

WMHC

LAB THEATRE

42° 15' 9.5" N

72° 34' 36" W

MARY WOOLEY

42° 15' 12" N

72° 34' 40" W

SOURCE U.S. GEODETIC SURVEY MAP

by Art Chase

March 16, 1976

Mr. Vincent J. Mullins, Secretary
Federal Communications Commission
1919 M Street, N. W.
Washington, D. C. 20554

Dear Mr. Mullins:

Enclosed for filing on behalf of Mount Holyoke College, licensee of Educational FM broadcast station WMHC in South Hadley, Massachusetts, are an original and two copies of FCC Form 340 and related exhibits.

This application proposes a minor change in the location of the studio and transmitter of Station WMHC.

Please address any correspondence concerning this matter to the undersigned.

Thank you for your kind attention to this matter.

Respectfully submitted,

Merrill Ewing
Treasurer and Business
Manager

ME/gm
Enclosures

bcc: ✓Art Chace

March 16, 1976

Mr. Vincent J. Mullins, Secretary
Federal Communications Commission
1919 M Street, N. W.
Washington, D. C. 20554

Dear Mr. Mullins: In re: 8720

Enclosed for filing on behalf of the President and Trustees of Mount Holyoke College are an original and two copies of FCC Form 321 requesting reinstatement of expired Construction Permit BPED-1755 authorizing educational FM station WMHC at South Hadley, Massachusetts, to change operating frequency from FM Channel 214 to FM Channel 218.

The applicant respectfully requests a waiver of the provisions of Section 1.534 of the Commission's Rules to permit tender of this application more than 30 days after the expiration of the original Construction Permit.

Through an administrative oversight, we were unaware of the expiration date of the Construction Permit until we received a letter from Mr. Quentin S. Proctor, Chief, License Division. This application was prepared and tendered as soon as practical after we learned the Construction Permit had expired.

Respectfully submitted,

Merrill Ewing
Treasurer and Business
Manager

ME/gm
Enclosures

bcc: √Art Chace

FCC Form 321
Dec. 1963

Form Approved
Budget Bureau No. 52-R118.8

Section 1

United States of America
Federal Communications Commission

APPLICATION FOR CONSTRUCTION PERMIT TO REPLACE EXPIRED PERMIT

APPLICANT SHOULD NOT USE THIS BOX

INSTRUCTIONS

A. This form is to be used in all cases when applying for a Construction Permit to Replace Expired Permit.

B. Prepare and file three copies of this form and all exhibits with Federal Communications Commission, Washington, D. C. 20554

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided for listing exhibits. Date each exhibit.

D. The name of the applicant must be stated exactly as it appears on the expired construction permit.

E. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant's physical disability or of his absence from the United States. The attorney shall, in the event he signs for the applicant, separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are ture.

F. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATIONS ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

1. Are the statements made in the application or applications, pursuant to which the construction permit was granted, still true and correct? If the answer is "No", attach hereto one or more of the following sections as required and indicate therein whatever data is required to bring the original information up-to-date. Indicate below which of the sections are furnished with and as part of this application. YES [X] NO [ ]

- [ ] Section II, Legal Qualifications of Broadcast Applicant
- [ ] Section III, Financial Qualifications of Broadcast Applicant
- [ ] Section IV, Statement of Program Service of Broadcast Applicant
- [ ] Section V-A, Standard Broadcast Engineering Data
- [ ] Section V-B, FM Broadcast Engineering Data
- [ ] Section V-C, Television Broadcast Engineering Data
- [ ] Section V-G, Antenna and Site Information

File No.

Name of applicant (See Instruction D)

The President and Trustees of Mount Holyoke College

Post office address (number, street, city, state)

Mount Holyoke College
Route 116
South Hadley, Massachusetts 01075

2. Identity of construction permit for which reinstatement is requested

File number	Location		
BPED-1755	South Hadley		
Call letters	Frequency	Channel No.	
WMHC	91.5 MHz	218D	

3. Reasons why construction permit was allowed to expire (Attach additional sheet if necessary)

Through an oversight, we were not aware of the expiration date on the Construction Permit.

Reason why construction was not completed within period provided by construction permit (Attach additional sheet if necessary)

The frequency change authorized was requested to permit Station WTCC to increase power. When this increase is effectuated, we will receive the present WTCC antenna. Construction of the new WTCC facilities has been delayed. Therefore, the WTCC antenna is not yet available for installation at WMHC. Use of the WTCC antenna will make it unnecessary to return the present WMHC antenna to the factory for retuning which would result in lost air time.

How much time is needed to complete construction? until June 1, 1976

THE APPLICANT hereby waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934).

THE APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

THE APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this ..... day of ..... , 19..... .

The President and Trustees of Mount Holyoke College
(Name of Applicant)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U. S. CODE, TITLE 18, SECTION 1001.

BY .....
(Signature)

EFFECTIVE JANUARY 1, 1964, INCLUDE FILING FEE WITH THIS APPLICATION. SEE PART 1 OF FCC RULEE FOR AMOUNT OF FEE.

TITLE Treasurer & Business Manager

EXHIBITS furnished as required by this form:

Exhibit No.	Section and Para. No. of Form	Name of officer or employee (1) by whom or (2) under whose direction exhibit was prepared (show which)	Official title

APR 2, 1976

FCC Form 351-A
June 1975

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BPED-2225

Call Sign: WMHC

NON-COMMERCIAL EDUCATIONAL FM
FM BROADCAST STATION CONSTRUCTION PERMIT

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to the conditions set forth in this permit,[1] authority is hereby grant to construct an FM broadcast station located and described as follows:

Permittee: The PRESIDENT and TRUSTEES of MT. HOLYOKE COLLEGE

Authorized assignment:

1. Frequency (MHz) .....: 91.5
2. Transmitter output power .....: 10 watts
3. Effective radiated power .....: -----
4. Antenna height above average terrain (feet).....: -----
5. Hours of operation .....: Unlimited
6. Station location .....: South Hadley, Massachusetts
7. Main studio location .....: Mt. Holyoke College
   Laboratory Theater Building
   South Hadley, Massachusetts
8. Remote Control point .....: -----
9. Antenna & supporting structure: .....: North Latitude: 42° 15' 10"
   West Longitude: 72° 34' 36"

   CCA 6812-4, 4 sections, side-mounted on a 50-foot guyed tower on the roof of the Laboratory Theater Building.
   Overall height above ground: 93 feet
10. Transmitter location .....: Mt. Holyoke College
    Laboratory Theater Building
    South Hadley, Massachusetts
11. Transmitter(s).....: GATES BFE-10C
12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: NOE REQUIRED
13. Conditions:

14. Date of required commencement of construction : November 16, 1974
15. Date of required completion of construction... : September 30, 1976

Equipment and program tests shall be conducted only pursuant to Sections 73.216 and 73.217 of the Commission Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow unless completion of the station is prevented by causes not under the control of the permittee. See Section 1.599 of the Commission Rules.

FEDERAL COMMUNICATIONS COMMISSION

[1] This construction permit consists of this page and pages

Dated: April 2, 1976
kim

Nothing contained herein shall be construed as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The licensee expressly agrees to install such marking or lighting as the Commission may hereafter require under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

FCC - WASHINGTON, D. C.

APR 76

TELECON — w/FCC 29 APR 76

MR.

application for license FCC 341

can test w/ const. permit

MR. PROCTOR will send us a copy of FCC 341, he will get a correct copy of the construction permit to us ~~today~~ or tomorrow

---

Mr. Proctor —
and telecon 29 APR 76 — w/ MAR 16 request is in process, will send telegram in a few days at which time we can test — we then submit a ~~[illegible]~~ form FCC 341 which is "request for P.T. AUTH."

we will then be notified by telegram as soon as our FCC 341 goes through their engineering dept. & gets an O.K. — at that time we ~~may~~ go on the air w/ new equip.

MAY 21, 1976

FCC Form 361
October 1973

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No. BMPED-1389
Call Sign: W M H C
Modification No. 1

MODIFICATION OF CONSTRUCTION PERMIT

NON-COMMERCIAL EDUCATIONAL FM
(Class of station)

President and Trustees/Mt. Holyoke College
Radio Station W M H C
Route 116
South Hadley, Mass. 01075

Permittee THE PRESIDENT AND TRUSTEES OF MT. HOLYOKE COLLEGE

Station location: South Hadley, Massachusetts

Associated Broadcast station:

The Authority Contained in Authorization File No. BPED-2225 dated April 2, 1976 granted to the Permittee listed above is hereby modified in part as follows:

TRANSMITTER/STUDIO LOCATION: Mary E. Woolley Hall, Mt. Holyoke College Campus, South Hadley, Massachusetts

N. Lat. 42° 15' 12" - W. Long. 72° 34' 40"

ANTENNA: CCA 6812-4, 4 sections {H&V}, side-mounted on a guyed tower on the roof of Mary Woolley Hall on campus. Overall height above ground: 94 feet

This modification of construction permit shall be attached to and be made a part of the construction permit of this station.

Except as herein expressly modified, the above-mentioned construction permit, subject to all modifications heretofore granted by the Commission, is to continue in full force and effect in accordance with the terms and conditions thereof and for the period therein specified.

Dated: May 21, 1976

kim

FEDERAL
COMMUNICATIONS
COMMISSION

F. C. C. - WASHINGTON, D. C.

SEP 10, 1976

September 10, 1976

Mr. Vincent J. Mullins, Secretary
Federal Communications Commission
1919 M Street, N. W.
Washington, D. C. 20554

Re: BPED-2225 and BMPED-1389

Dear Mr. Mullins:

Enclosed for filing on behalf of Mount Holyoke College, Licensee of Educational FM Broadcast Station WMHC in South Hadley, Massachusetts, are an original and two copies of a Request for Program Test Authority - FCC Form 341.

The permitted construction is now complete and has been tested satisfactorily.

Please address any correspondence concerning this matter to the undersigned.

Thank you for your kind attention to this matter.

Respectfully submitted,

Merrill Ewing
Treasurer and Business
Manager

ME/gm
Enclosures

bcc: Artner Chace

FCC Form 341
August 1975

Form Approved
GAO No. B-180227(R0181)

SECTION I

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR NONCOMMERCIAL EDUCATIONAL TV, FM, OR STANDARD BROADCAST STATION LICENSE

INSTRUCTIONS

A. This form is to be used in all cases when applying for a Noncommercial Educational TV, FM, or Standard Broadcast Station License. This form consists of this part, Section I, and the following sections.
Section II-A, License Application Engineering Data Standard Broadcast
Section II-B, License Application Engineering Data FM Broadcast
Section II-C, License Application Engineering Data Television Broadcast

B. PREPARE THREE COPIES of this form and all exhibits. Sign one copy. File with the Federal Communications Commission, Washington, D. C. 20554.

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 2 of this Section. Date each exhibit and each antenna pattern.

D. The name of the applicant must be stated exactly as it appears on the construction permit which is being covered. The applicant must notify the Commission of any change of address.

E. Information called for by this application which is already on file with the Commission need not be refiled in this application provided (1) the information is now on file in another application or FCC form filed by or on behalf of this applicant; (2) the information is identified fully by reference to the file number (if any), the FCC form number and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing." Any such reference will be considered to incorporate into this application the application or other form referred to in its entirety. Do not incorporate by reference any material which is not to be open to the public.

F. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant physical disability or of his absence from the United States. The attorney shall, in the event he signs for the applicant, separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.

G. *BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.*

1. Facilities authorized by construction permit

Frequency	Channel No.	Call Sign
91.5 MHZ	218	WMHC

Effective radiated power in kilowatts, or power for standard broadcast stations	Antenna height above average terrain in feet (FM and TV only)
.019 KW	89

Location of main studio

State	City
Massachusetts	South Hadley

Location of transmitter

State	County	City
Massachusetts	Hampshire	South Hadley

Number and street (or other indication of location)

Mary Woolley Hall
Mount Holyoke College Campus

FOR COMMISSION USE ONLY

File No.

Name (See Instruction D) The President and Trustees of Mount Holyoke College
Address Mount Holyoke College Route 116
City South Hadley State Mass. ZIP 01075

Notices and communications with respect to this application are to be addressed to the following-named persons at the address indicated:

Name Mr. Artner Chace
Address Room 3, Carr Laboratory Mount Holyoke College
City South Hadley State Mass. ZIP 01075

2. Construction permit covered by this application

File number	Date
BPED-2225 & BMPED-1389	April 2, 1976 & May 21, 1976
Construction begun	**Construction completed**
September 19, 1974	August 30, 1976

Is the station now in satisfactory operating condition and ready for regular operation? Yes [X] No [ ]

If not, explain

3. Has applicant any contract, arrangement, or understanding, expressed or implied, with a network organization for the broadcasting of network programs? Yes [ ] No [X]

If "Yes," state as Exhibit No. arrangements under which they are to be obtained and attach copies of any contractual arrangement which may have been made. If the arrangement is based on an oral understanding, a written statement of the arrangement should be submitted.

Note: The NET, NAEB Radio Tape Network, Educational Radio Network and Eastern Educational Network are examples of educational networks.

FINANCIAL DATA

4. Give actual costs of making installation for which construction was authorized

Transmitter proper including tubes: N/A	Antenna system including tower, coupling equipment, and transmission line: $375.00
Frequency and modulation monitors: N/A	Studio technical equipment, microphone, transcription equipment, cameras, etc.: N/A
Acquiring land: N/A	Acquiring, constructing or modifying buildings: N/A
Other items (state nature): N/A	Total: 375.00

5a. Have there been any substantial changes in the financial data submitted with the application for the construction permit? Yes [ ] No [X]

b. If answer to Question 5a is yes, submit as Exhibit No. a statement outlining such changes.

6. Is a request for authority to conduct program tests a part of this application? Yes [X] No [ ]

If "No," explain

7. Is applicant's ownership report (FCC Form 323E) on file with the Commission? Yes [X] No [ ]

If "No," explain

THE APPLICANT hereby waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934).

THE APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

THE APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 10th day of September, 1976

The President and Trustees of Mount Holyoke College
(NAME OF APPLICANT)

By _____
(SIGNATURE)

Title Treasurer and Business Manager

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U. S. CODE, TITLE 18, SECTION 1001.

If applicant is represented by legal or engineering counsel, state name and post office address:

Educational FM Associates
P.O. Box AA, Duxbury, MA 02332

EXHIBITS furnished as required by this form:

EXHIBIT NO.	SECTION AND PARAGRAPH NO. OF FORM	NAME AND OFFICER OR EMPLOYEE (1) BY WHOM OR (2) UNDER WHOSE DIRECTION EXHIBIT WAS PREPARED (SHOW WHICH)	OFFICIAL TITLE

Broadcast Application

FEDERAL COMMUNICATIONS COMMISSION

Section II-B

LICENSE APPLICATION ENGINEERING DATA
NONCOMMERCIAL EDUCATIONAL FM STATION

Name of Applicant: Mount Holyoke College

FOR COMMISSION USE ONLY
File No.

1. Facilities authorized in construction permit

Call Letters	File No. of construction permit	
WMHC	BPED-2225 & BMPED-1389	
Frequency: 91.5MHZ	Effective Radiated Power (aural): in dbk; In kw: .019	Antenna height above average terrain: 89 feet

2. Transmitter location

State	County
Massachusetts	Hampshire
City or town: South Hadley	Street Address (or other identi.): Mary Woolley Hall Mount Holyoke Campus

3. Main studio location

State	County
Same as above	
City or town	Street Address

4. Remote control point location

State	City or town
N/A	N/A

Street Address (or other identification): N/A

5. Transmitter installed

Make	Type No.	Rated Power
Gates	BFE-10C	10W

6. Operating constants

D.C. plate current in last radio stage, in amperes	.058	Applied D.C. plate voltage of last radio stage, in volts	320
Plate input power to last radio stage, in kilowatts	.018	Efficiency factor F of transmitter at operating power, in percent	56
Transmitter power output in kw by indirect method	.010	RF transmission line meter reading	.010 KW

7. Antenna

Antenna make and type No.	Number of sections	Power gain
CCA Electronics 6812-4	4	2.05

Overall height of antenna system above ground in feet: 94

Geographical coordinates of antenna (to nearest second)
North latitude: 42 °15 '12 " West Longitude: 72 ° 34' 40"

Antenna supporting structure (describe fully)

Single 50 foot guyed tower

8. Transmission line

Make	Type No.	Description
Unknown	RG-224/U	Double-Braid Coaxial with armor Z= 50 Ω

Size: (nominal inside transverse dimension) in inches	Length in feet	Rated efficiency in percent for this length
.615 O.D.	125	83

9. Modulation monitor

Make	Type No.
CBS LABS	4/00

10. Frequency monitor

Make	Type No.
None installed	

By what method and how often will regular measurements of the calibration of the frequency monitor be repeated?

N/A

Give the following data on the frequency measurements

	Date and time	Name of measurement agency or method used
1.	Aug.30,1976 9:00a.m.	ASAP Electronics, Inc.
2.		
3.		
4.		

	Frequency measured by such agency or method	Monitor reading high or low
1.	91.50000 ± .00005 MHZ	N/A
2.		
3.		
4.		

11. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

Different Transmission Line and Length-

C.E.:	Application	Actual
	HJ 2-50	RG-224/U
	75'	125'

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Signature: Arthur B. Chase Jr.
P1-1-15705 Expires Nov. 8, 1977

Date: September 10, 1976

[X] Technical Director
[ ] Chief Operator
[ ] Registered Professional Engineer
[ ] Consulting Engineer

FCC Form 341 — FEDERAL COMMUNICATIONS COMMISSION — Section II-C

LICENSE APPLICATION ENGINEERING DATA
NONCOMMERCIAL EDUCATIONAL TV BROADCAST

Name of applicant

FOR COMMISSION USE ONLY
File No.

1. Facilities authorized in construction permit

Call sign	Channel No.	File No. of construction permit

Frequency	Carrier frequency
_____ MHz	Visual _____ MHz Aural _____ MHz

Effective Radiated Power (visual)	Effective Radiated Power (aural)	Antenna height above average terrain
In dbk: In kw:	In dbk: In kw:	feet

2. Station location (principal community)

State	City or town

3. Transmitter location

State	County
City or town	Street Address (or other identification)

4. Main studio location

State	County
City or town	Street address

5. Transmitters Installed

Visual

Make	Type No.	Rated power
		In dbk: In kw:

Aural

Make	Type No.	Rated power
		In dbk: In kw:

Operating constants

Visual transmitter (while transmitting black)

D. C. plate current in last radio stage, in amperes	Applied D. C. plate voltage of last radio stage, in volts

Transmitter power output (after vestigial sideband filter, if used, and after multiplexer, if combined)	Multiplexer loss in db, if separate:	Input to transmission line in dbk:
In dbk: In kw:		

Transmission line power loss in db:	Antenna input power in dbk:	Antenna power gain in db;	Effective radiated power
			In dbk: In kw:

Attach as Exhibit No. complete information concerning the method of power output determination. If power is measured at output of multiplexer, so state.

Reading of power output meter (transmission line voltage, current or power; indicate which) while operating at authorized power:

Aural transmitter

D. C. plate current in last radio stage, in amperes	Applied D. C. plate voltage of last radio stage, in volts
Plate input power to last radio stage in kilowatts	Efficiency factor F of transmitter at operating power, in percent
Transmitter power output In dbk: In kw:	RF transmission line meter reading

6. Antenna and transmission line

Antenna make and Type No.	Number of sections	Power gain in db

Antenna supporting structure

Overall height of antenna system above ground in feet

Geographical coordinates of antenna (to nearest second)
North latitude 0 ' " West longitude 0 ' "

If directional antenna is used, give full details including horizontal and vertical plane radiation patterns, as Exhibit No.

Is electrical or mechanical beam tilting employed? Yes No
If so, describe fully in Exhibit No. , including horizontal and pertinent vertical radiation patterns.

Has antenna been altered to provide null fill-in? Yes No
If so, describe fully in Exhibit No.

Transmission line

Make	Type No.	Coaxial or waveguide
Size (nominal inside transverse dimensions) in inches	Length in feet	Power loss in db for this length

Multiplexer

Make	Type No.

If emergency antenna or transmission line measures are provided, describe in Exhibit No.

7. Modulation monitors

(a) Visual monitor or monitoring equipment

Make	Type No. (or describe in Exhibit No.

(b) Aural monitor

Make	Type No.

SEP 11, 1976

ASAP ELECTRICAL - ELECTRONICS, INC.

801 High Street Holyoke, Mass. 01040
534-7516

FCC MEASUREMENTS

NAME OF COMPANY	TRANSMITTER SERIAL NO.	UNIT NO.
Mount Holyoke College	Gates BFE-10C #86277	

ALL TESTS AND MEASUREMENTS GIVEN BELOW MADE BY

NAME	LICENSE NO.	EXPIRATION DATE
Paul J. Krawczynski	P1-1-15338	5-31-77

MODULATION METER USED	FREQUENCE METER USED	WWV CHECKED
Singer FM10cs SERIAL NO. 1171-057071	Singer FM10cs SERIAL NO. 1171-057071	2-18-76

ASSIGNED FREQUENCY	MEASURED FREQUENCY	ERROR	CORRECTED TO
91.500 MHz		Zero	91.5000 MHz

POWER IN	POWER OUT	MODULATION	ID TAG NO.
16 watts	8.0 watts	+ 75 KHz	

SIGNATURE Paul J. Krawczynski DATE 9-11-76

WORK DONE: PARTS REPLACED

FCC Proog of Performance
Change over of channel
Return transmitter

REMARKS: INFORMATION

TONE MODULATION
TONE FREQUENCY
BREAKS SQUELCH AT MICRO VOLTS
20 DB QUIETING AT MICRO VOLTS

RFo=83micro amp.
PA= 50MA
PAV=320v

Western Union

Telegram

SXA145(1922)(2-032422C258)PD 09/14/76 1921 SEP. 17 1976

ICS IPMWAWC WSH

83083 NL COLLECT RBWASHINGTON DC 100 09-14 449P EDT

PMS MERRILL EWING TREASURER AND BUSINESS MGR

RADIO STATION W M H C FM PHONE AND MAIL

SOUTH HADLEY MA 01075

REFERENCE 8840-M REFON CHACE 9-14. AUTHORITY GRANTED THRU 10-18-76 OPERATE WITH FACILITIES SPECIFIED IN CONSTRUCTION PERMIT BPED 2225 TO ALLOW CONTINUED SERVICE. UNDERSTAND FORM 341 HAS BEEN MAILED.

WALLACE E JOHNSON-CHIEF BROADCAST BUREAU FCC

NNNN

4.50

538-2040

No. 5382000 G. M.

By A 1354

(15

X

SF-1201 (R5-69)

Memorandum from Merrill Ewing

Treasurer and Business Manager

TO: Art Chace

The original of the attached has been sent to Karen Berman, Manager WMHC, at 302 Torrey Hall.

Sept.30, 1976

SEP. 29 1976

FCC Form 101-B
December 1973

Date SEP 23 1976

Please be advised that your application for renewal of license was granted on the above date. Your instrument of authorization will be issued in the near future.

THIS CARD SHOULD BE POSTED WITH THE STATION'S CURRENT INSTRUMENT OF LICENSE, PENDING RECEIPT OF OTHER NOTIFICATION.

FEDERAL
COMMUNICATIONS
COMMISSION

FCC Form 342 — FEDERAL COMMUNICATIONS COMMISSION — Section II

RENEWAL APPLICATION ENGINEERING DATA	Name of applicant	FOR COMMISSION USE ONLY File No.

1. Description of transmitting apparatus

	Make	Type No.	Serial No.
Visual			
Aural	[illegible]	[illegible]	[illegible]

Tubes in last radio stage

	Make	Type No.	Number used
Visual			
Aural	[illegible]	[illegible]	

2. Operating constants (FM and Television only)

	Visual	Aural
Total plate current to last radio stage in amperes		[illegible]
Plate voltage applied to last radio stage in volts		[illegible]
Plate input power to the last radio stage in kilowatts		[illegible]
Efficiency Factor F of the transmitter at operating power		[illegible]
RF transmission line meter reading		[illegible]

3. Indicating instruments: (Standard Broadcast only)

	Range	Normal Reading	
		Day	Night
Plate voltmeter	0-		
Plate ammeter	0-	[illegible]	
Antenna ammeter	0-		

4. Directional antenna operating values (Standard Broadcast only)

Tower	Phase reading in degrees		Antenna base current		Remote indication of antenna current	
	Night	Day	Night	Day	Night	Day
#1						
#2						
#3						
#4			[illegible]			
#5						
#6						

Manufacturer and type of phase monitor used in taking above readings:

Describe equipment used for remote indication of antenna currents (phase monitor or other method)

5. Frequency monitors and control equipment

	Manufacturer's name	Type No.
Visual	[illegible]	
Aural	[illegible]	

How often is the station frequency and the frequency monitor checked with a frequency standard of known accuracy?

Automatic frequency control equipment

Make	Type No.

Furnish following data on last frequency checks

Date	Frequency
Reading of monitors	Method used (Use reverse side of this sheet)

6. Modulation monitors

	Manufacturer's name	Type No.
Visual		
Aural	[illegible]	[illegible]

7. Phase monitor (if used)

Make	Type

8. Give date of last tower repainting

9. Have changes been made in the fundamental audio or radio circuits of the transmitter affecting the schematic diagram heretofore filed with the Commission? YES ☐ NO ☑

If the answer is "Yes", attach as Exhibit No. an accurate corrected diagram, and brief explanation.

10. (a) Have equipment performance measurements been made within the past four months? YES ☑ NO ☐

(b) Give date of last measurements

(c) Do these measurements show the transmitting system performance to be in accordance with the Standards of Good Engineering Practice? YES ☐ NO ☐

(If the answer to either of the above questions is "No", attach as Exhibit No. a complete explanation.)

11. In what respect, if any does the apparatus, antenna, or operation differ from that described in the last application for license or renewal of license?

12. Attach as Exhibit No. the original or one exact copy of the transmitter operating logs for the seven days comprising the composite week analyzed in Section IV of the application. If original logs are submitted they will be returned. (For Standard Broadcast Only)

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Date_____

Signature _____
(check appropriate box below)

- [x] Technical Director
- [ ] Chief Operator
- [ ] Registered Professional Engineer
- [ ] Consulting Engineer

FCC Form 342 — FEDERAL COMMUNICATIONS COMMISSION — Section II

RENEWAL APPLICATION ENGINEERING DATA

Name of applicant: Trustees of Mount Holyoke College

FOR COMMISSION USE ONLY
File No.

1. Description of transmitting apparatus

	Make	Type No.	Serial No.
Visual	None		
Aural	Gates	BFE-10C	73-9507-008

Tubes in last radio stage

	Make	Type No.	Number used
Visual	None		
Aural	Gates	6360	1

2. Operating constants (FM and Television only)

	Visual	Aural
Total plate current to last radio stage in amperes		58
Plate voltage applied to last radio stage in volts		320
Plate input power to the last radio stage in kilowatts		.0154
Efficiency Factor F of the transmitter at operating power		55
RF transmission line meter reading		85

3. Indicating instruments: (Standard Broadcast only)

	Range	Normal Reading Day	Normal Reading Night
Plate voltmeter	0-		
Plate ammeter	0-	N/A	
Antenna ammeter	0-		

4. Directional antenna operating values (Standard Broadcast only)

Tower	Phase reading in degrees Night	Phase reading in degrees Day	Antenna base current Night	Antenna base current Day	Remote indication of antenna current Night	Remote indication of antenna current Day
#1						
#2						
#3						
#4		N/A				
#5						
#6						

Manufacturer and type of phase monitor used in taking above readings:

None

Describe equipment used for remote indication of antenna currents (phase monitor or other method)

None

5. Frequency monitors and control equipment

	Manufacturer's name	Type No.
Visual	None	
Aural	None	

How often is the station frequency and the frequency monitor checked with a frequency standard of known accuracy?

Automatic frequency control equipment

Make	Type No.
None	

Furnish following data on last frequency checks

Date	Frequency
November 23, 1977	91.5000 MHZ

Reading of monitors	Method used (Use reverse side of this sheet)
N/A	See attached

6. Modulation monitors

	Manufacturer's name	Type No.
Visual	None	
Aural	CBS	4/00

7. Phase monitor (if used)

Make	Type
None	

8. Give date of last tower repainting

None

9. Have changes been made in the fundamental audio or radio circuits of the transmitter affecting the schematic diagram heretofore filed with the Commission? YES [ ] NO [X]

If the answer is "Yes", attach as Exhibit No. an accurate corrected diagram, and brief explanation.

10. (a) Have equipment performance measurements been made within the past four months? YES [X] NO [ ]

(b) Give date of last measurements

November 23, 1977

(c) Do these measurements show the transmitting system performance to be in accordance with the Standards of Good Engineering Practice? YES [ ] NO [ ]

10 W Educational FM
Not Applicable

(If the answer to either of the above questions is "No", attach as Exhibit No. a complete explanation.)

11. In what respect, if any does the apparatus, antenna, or operation differ from that described in the last application for license or renewal of license?

None

12. Attach as Exhibit No. 1 the original or one exact copy of the transmitter operating logs for the seven days comprising the composite week analyzed in Section IV of the application. If original logs are submitted they will be returned. (For Standard Broadcast Only)

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Date NOV. 23 1977

Signature Robert B. Christiansen
(check appropriate box below)

- [x] Technical Director
- [ ] Chief Operator
- [ ] Registered Professional Engineer
- [ ] Consulting Engineer

ASAP ELECTRICAL - ELECTRONICS, INC.

801 High Street Holyoke, Mass. 01040
534-7516

FCC MEASUREMENTS

NAME OF COMPANY	TRANSMITTER SERIAL NO.	UNIT NO.
WMHC	73-9507-008	BFE-10C

ALL TESTS AND MEASUREMENTS GIVEN BELOW MADE BY

NAME	LICENSE NO.	EXPIRATION DATE
Paul J. Krawczynski	P1-1-20040	June 3, 1982

MODULATION METER USED	FREQUENCE METER USED	WWV CHECKED
Singer FM10CS 1171-057071 SERIAL NO.	Singer FM10CS 1171-057071 SERIAL NO.	2/18/76

ASSIGNED FREQUENCY	MEASURED FREQUENCY	ERROR	CORRECTED TO
91.5000 MHZ	91.500045	45 HZ	91.5000 MHZ

POWER IN	POWER OUT	MODULATION	ID TAG NO.
15.4 Watts	8.5 Watts	± 60 KHZ	

SIGNATURE Paul J. Krawczynski DATE 11-23-77

WORK DONE: PARTS REPLACED

REMARKS: INFORMATION

TONE MODULATION
TONE FREQUENCY
BREAKS SQUELCH AT MICRO VOLTS
20 DB QUIETING AT MICRO VOLTS

ASAP ELECTRICAL - ELECTRONICS, INC.

74 Main Street, Holyoke, Mass. 01040

Tel. (413) 534-7516

FCC MEASUREMENTS

NAME OF COMPANY	TRANSMITTER SERIAL NO.	UNIT NO.
Mt. Holyoke College	Gates BFT-10C #86277	WMHC

ALL TESTS AND MEASUREMENTS GIVEN BELOW MADE BY

NAME	LICENSE NO.	EXPIRATION DATE
Paul J. Krawczynski	P1-1-20040	6-3-80

MODULATION METER USED	FREQUENCE METER USED	WWV CHECKED
Singer FM 10CS SERIAL NO. 1370-05272	Singer FM 10CS SERIAL NO. 1370-05272	4-10-78

ASSIGNED FREQUENCY	MEASURED FREQUENCY	ERROR	CORRECTED TO
91.500MHZ	-	+5CHZ	91.50000MHZ

POWER IN	POWER OUT	MODULATION	ID TAG NO.
20W	9.5W	±72.0KHZ	Yes

SIGNATURE Paul J. Krawczynski DATE 4-12-78

WORK DONE: PARTS REPLACED

ALIGNMENTS	(X)	TRANSMIT	( )	RECEIVE	
ADJUSTMENTS	(X)	MODULATION	(X)	TRANSMIT FREQUENCY	( ) TONE FREQUENCY
REPAIRED	( )	RECEIVER	(X)	TRANSMITTER	

REMARKS: INFORMATION

TONE MODULATION
TONE FREQUENCY N/A
BREAKS SQUELCH AT N/A MICRO VOLTS
20 DB QUIETING AT N/A MICRO VOLTS

Found V121 control tube self oscillating, replaced final & driver tubes.
Po 9.0W Pr .5W
Rfo 80 Micro amps PA I 62 Micro amps
PA V - 322V

NEWS

Federal Communications Commission
1919 M Street, NW.
Washington, D.C. 20554

For recorded listing of releases and texts call 632-0002

For general information
call 632-7260

10869

Report No. 14664 ACTION IN DOCKET CASE December 21, 1978 - G

THIRD CLASS BROADCAST OPERATOR LICENSE EXAMINATIONS ELIMINATED
(DOCKET 20817)

In a major deregulatory move today, the FCC decided to no longer require tens of thousands of individuals who want to perform technical operations at AM and FM broadcast stations to take FCC examinations.

The Commission's staff estimated that this would save the FCC up to 17 person years of effort in its Field Offices.

In amending Part 13 of the rules, to become effective February 9, 1979, the Commission said anyone holding any class of commercial radio operator license, including the Restricted Radiotelephone Operator Permit, would be allowed to perform routine technical operations of all FM and virtually all AM stations.

Previously, the FCC noted, most operators needed at least third class permits endorsed for station functions, which could be obtained only after passing an FCC-administered examination.

With the deletion of the broadcast endorsement, the Commission said examinations would no longer be required and the endorsement would not appear on renewed third class permits. However, it noted, this change did not apply to AM stations having a critical directional antenna array.

Anyone wishing to obtain a Restricted Radiotelephone Operator Permit should complete and mail FCC Form 753, obtainable from any FCC Field Office or the Commission's headquarters at 1919 M Street, N.W., Washington, D.C., 20554, to:

FCC
P.O. Box 1050
Gettysburg, Pa., 17325.

(Over)

Action by the Commission December 21, 1978, by First Report and Order (FCC 78-871). Commissioners Ferris (Chairman), Lee, Quello, Washburn, Fogarty, White and Brown.

This is an unofficial announcement of the Commission's action. Release of the full text of the Commission's order constitutes official action. See MCI v. FCC, 515 F. 2d 385 (D.C. Circ. 1975).

- FCC -